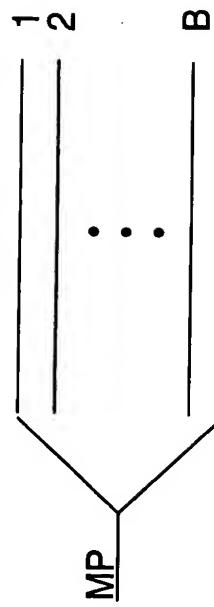
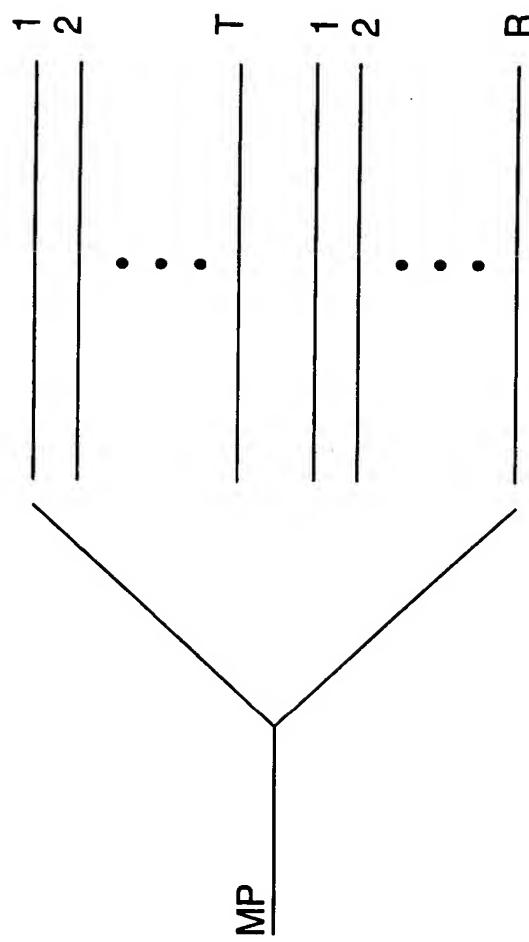


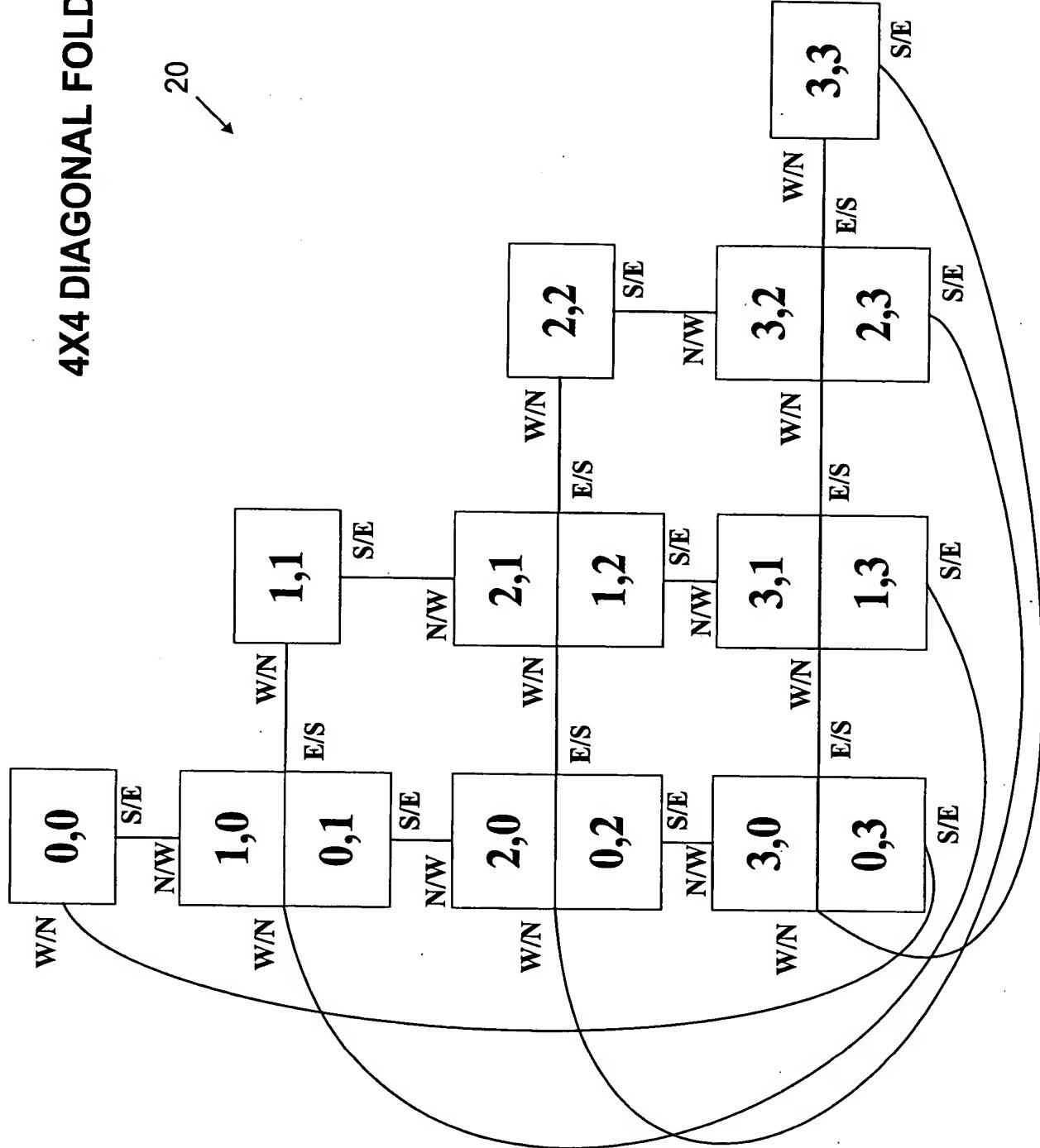
FIG. 1A  
(PRIOR  
ART)



**FIG. 1C  
(PRIOR ART)**



**FIG. 1B  
(PRIOR ART)**

**4X4 DIAGONAL FOLDED MESH**

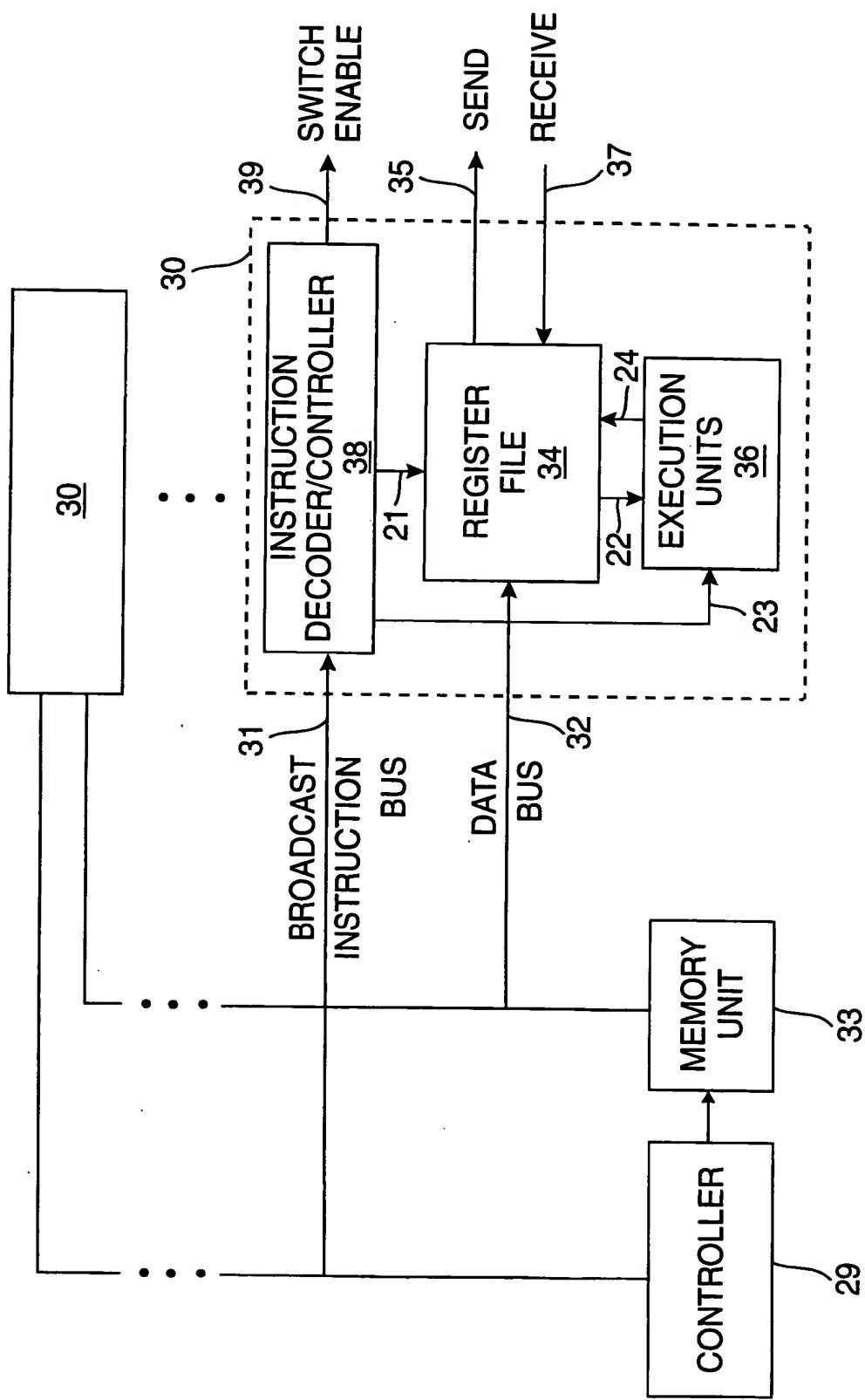


FIG. 3A

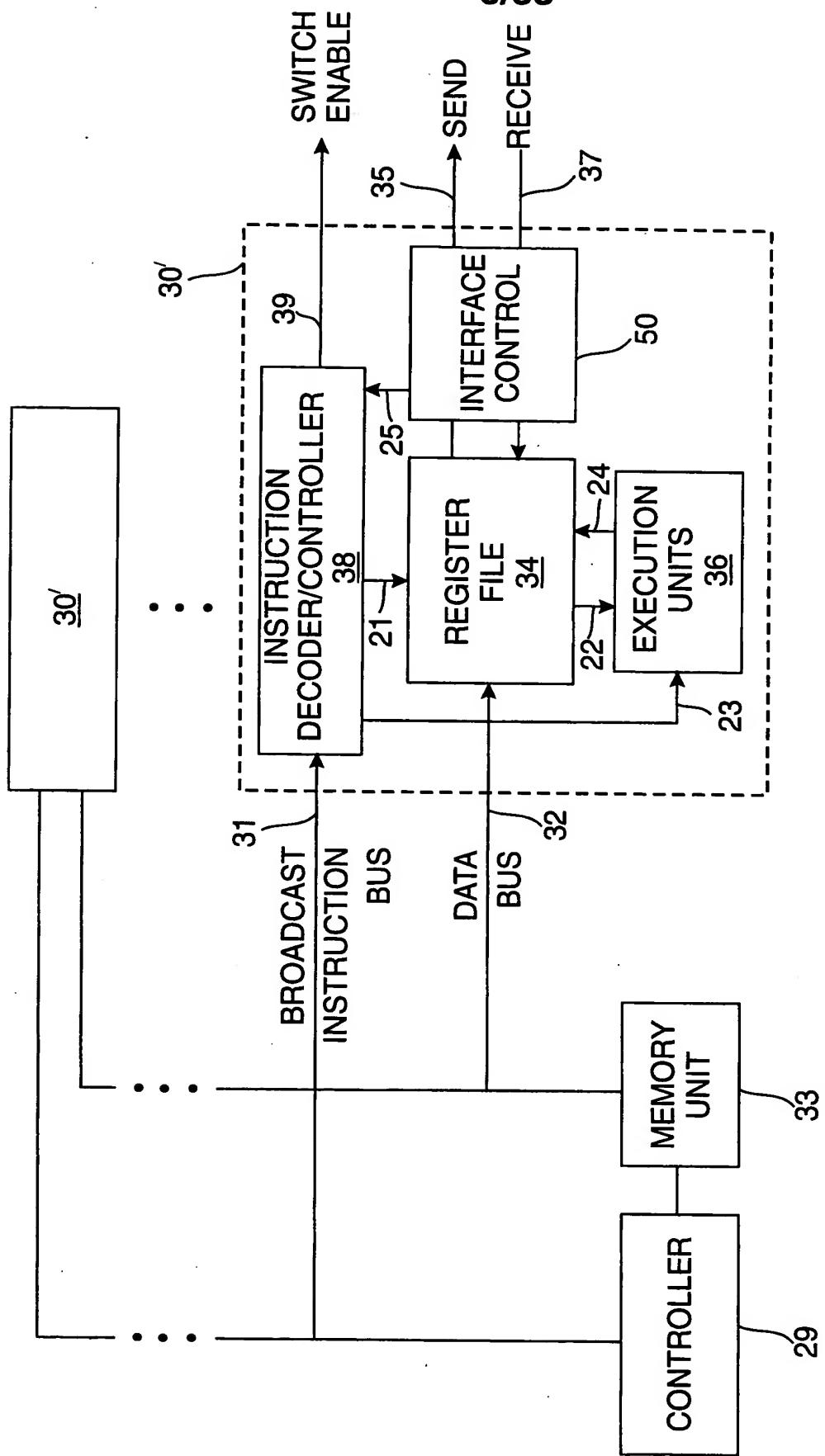


FIG. 3B

FIG. 4

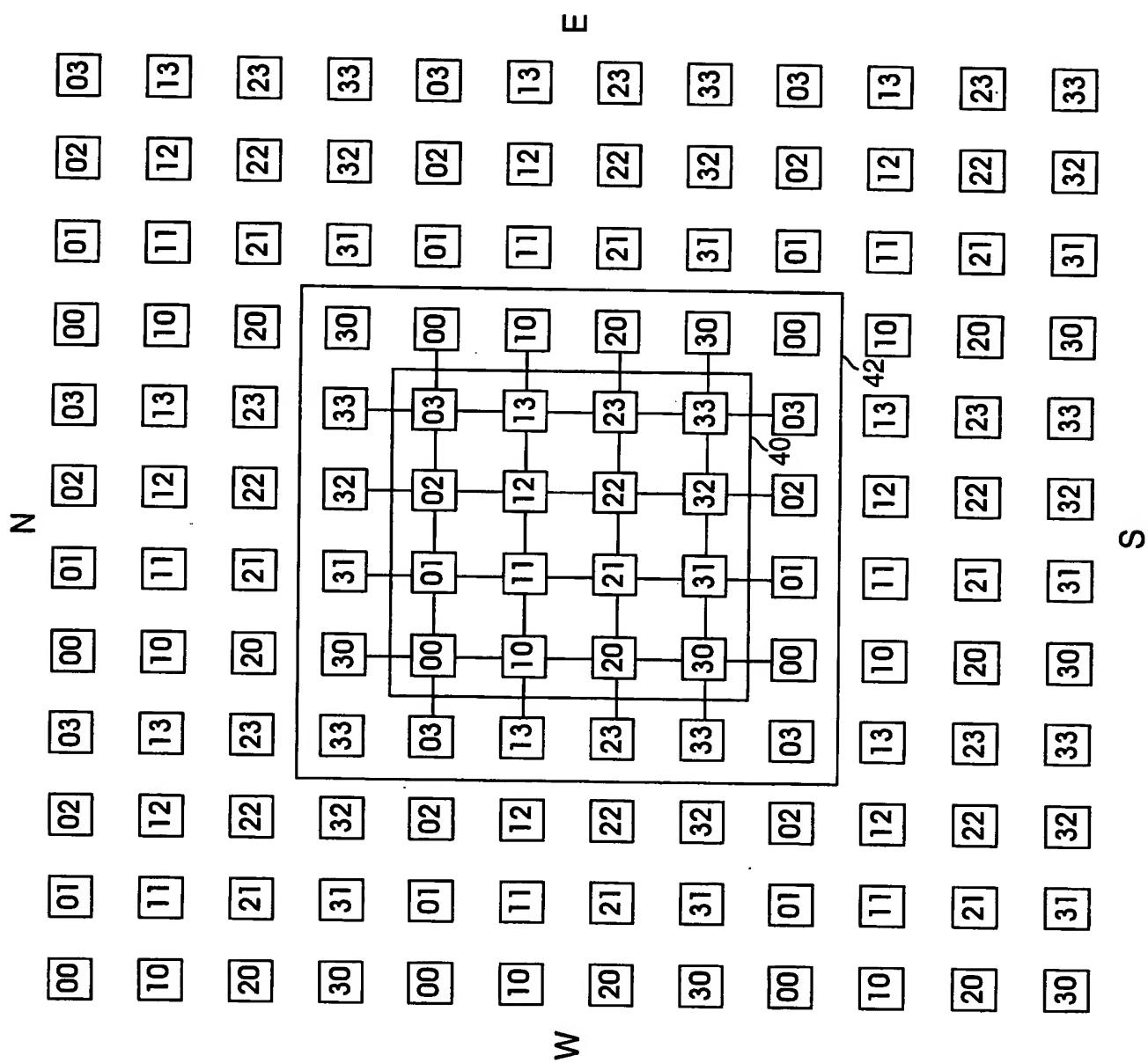
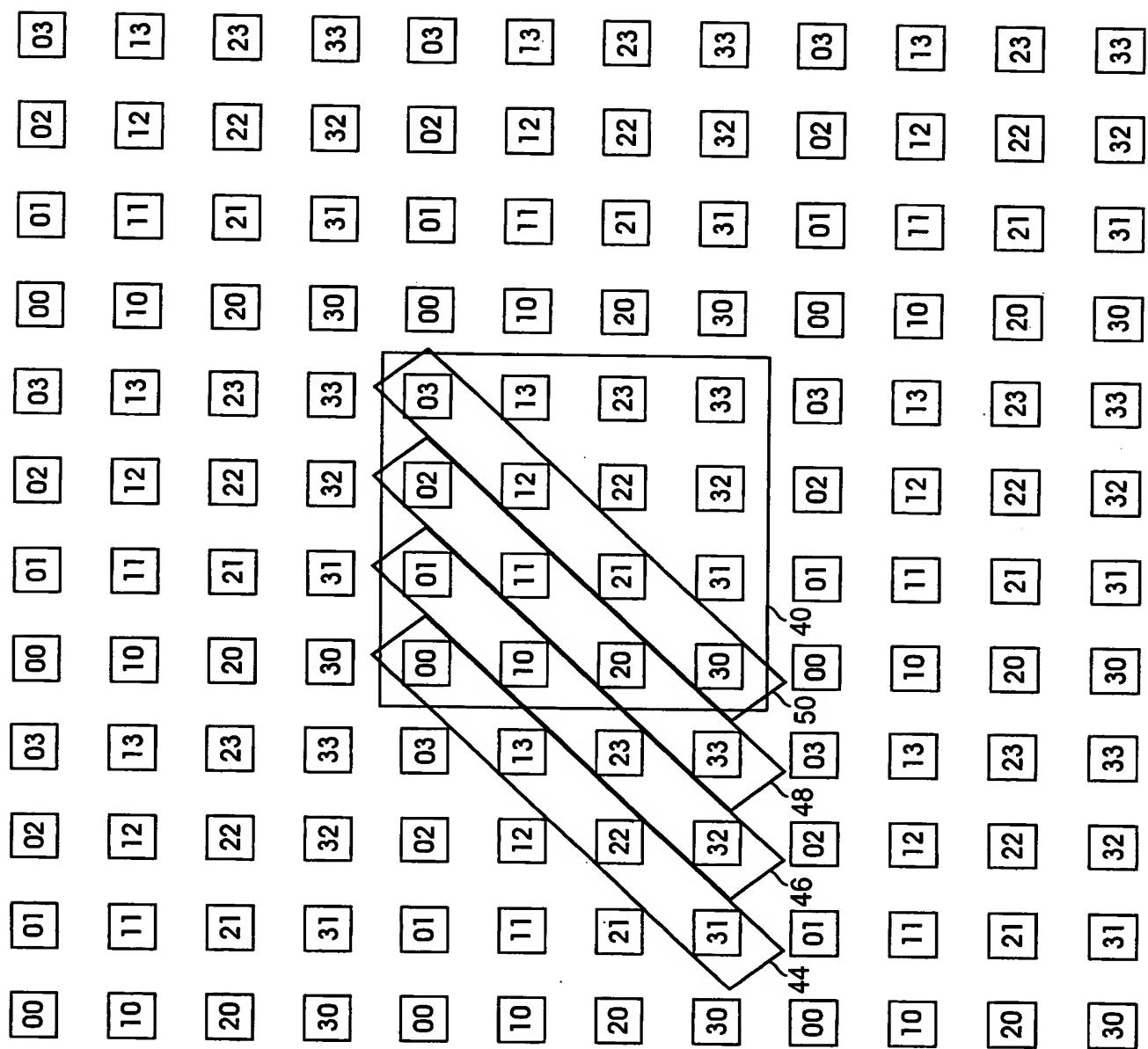
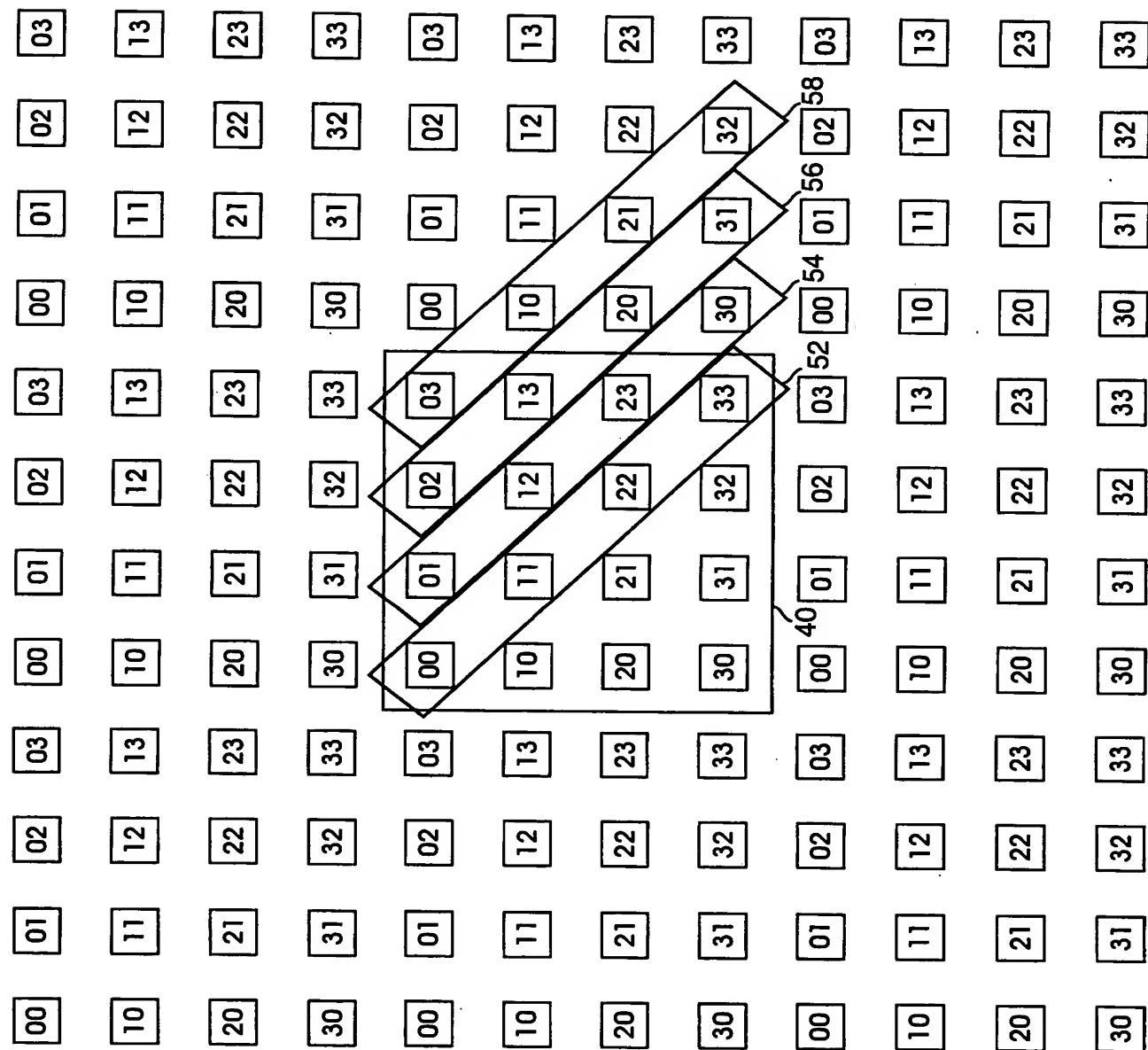


FIG. 5A

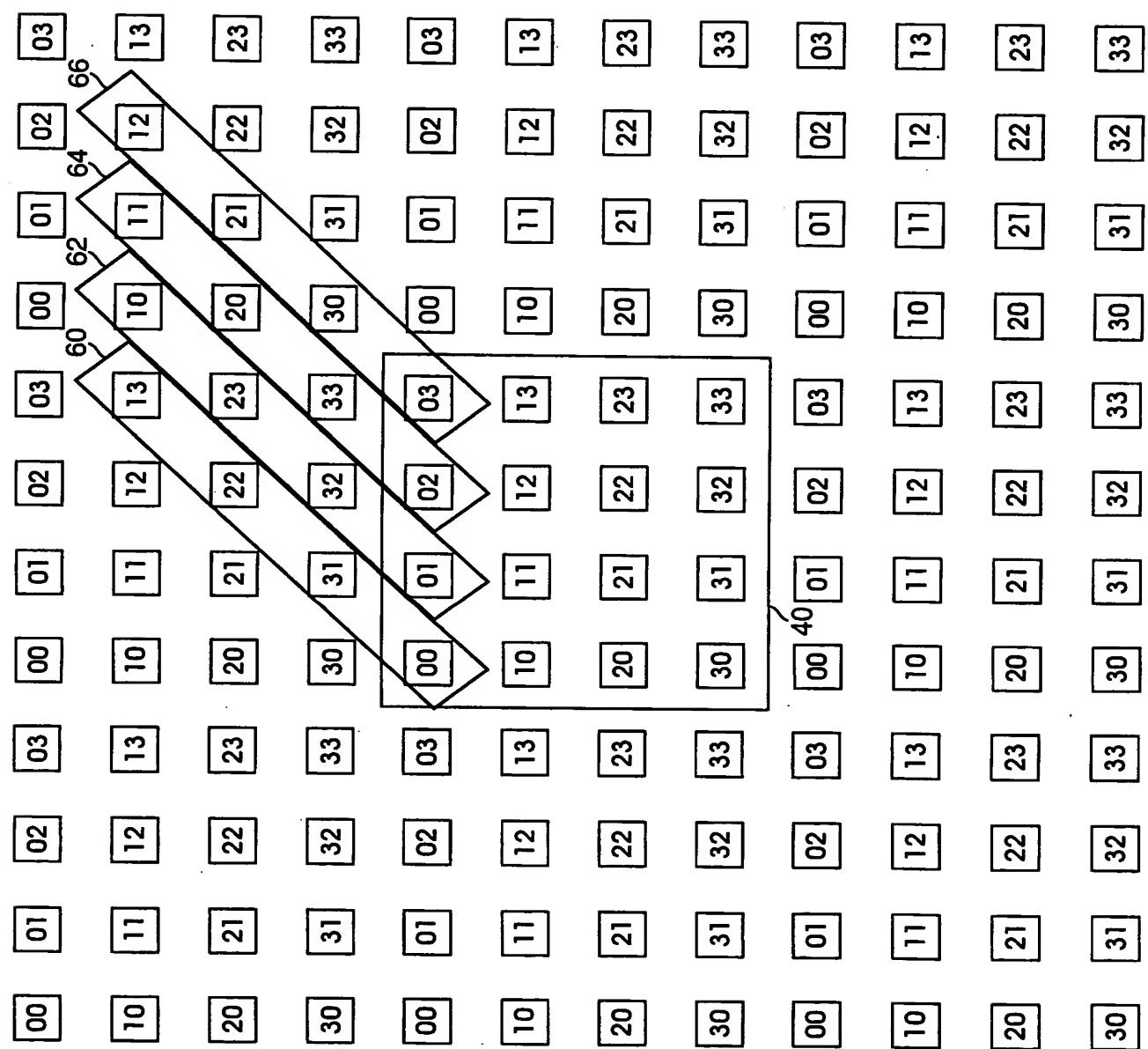


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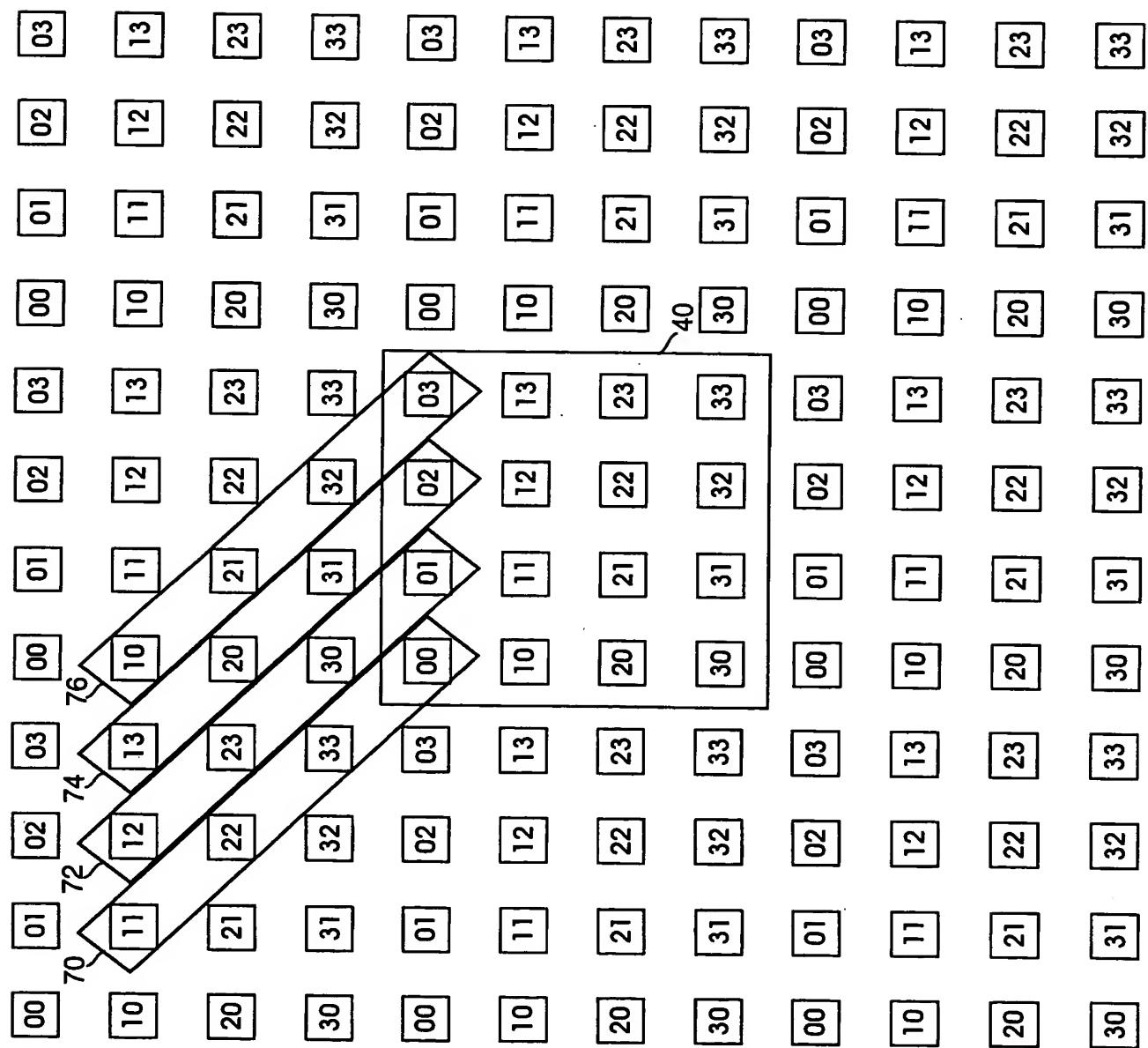
**FIG. 5B**

**FIG. 5C**



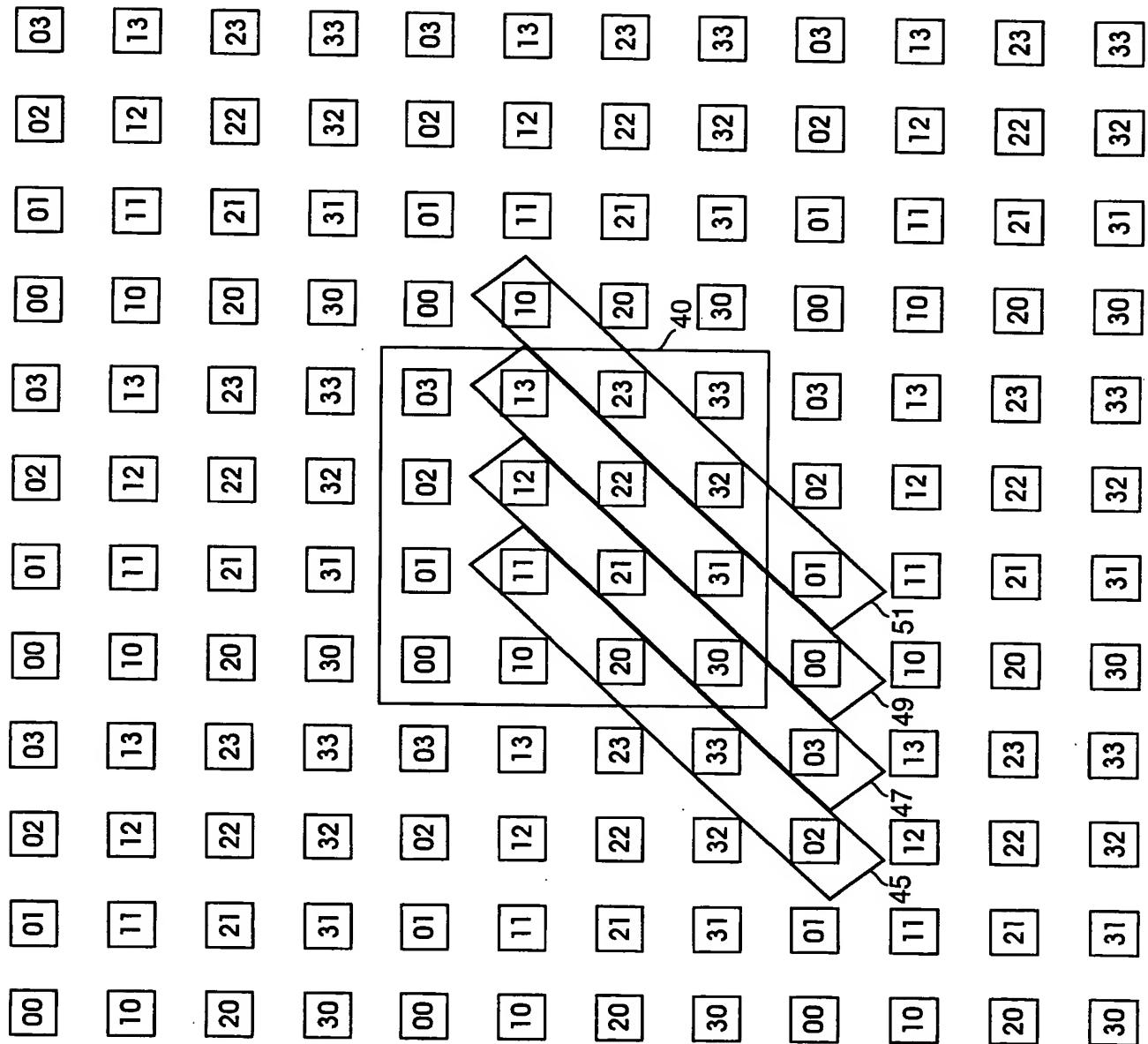
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FIG. 5D



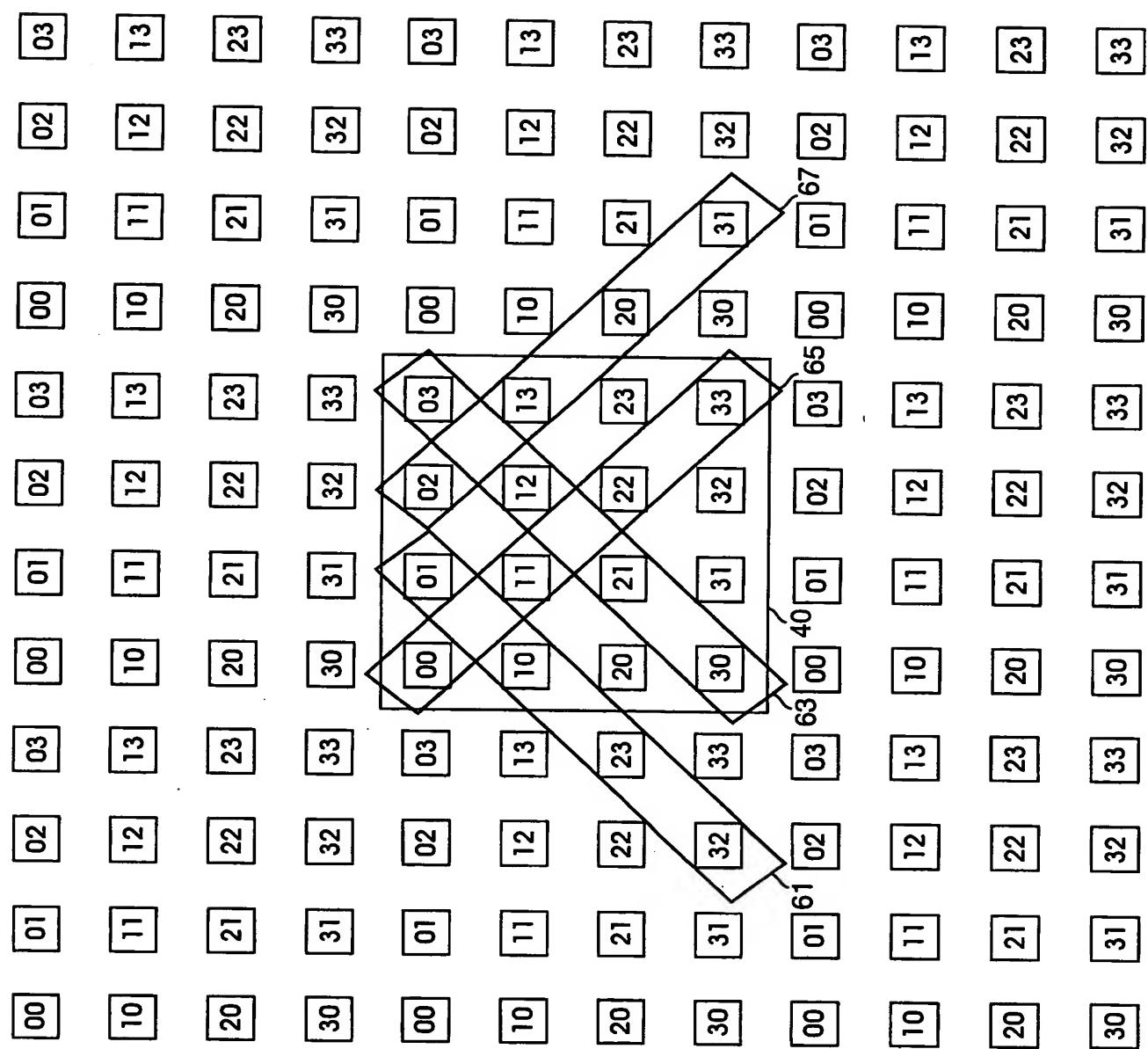
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**FIG. 5E**



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**FIG. 5F**



**FIG. 5G**

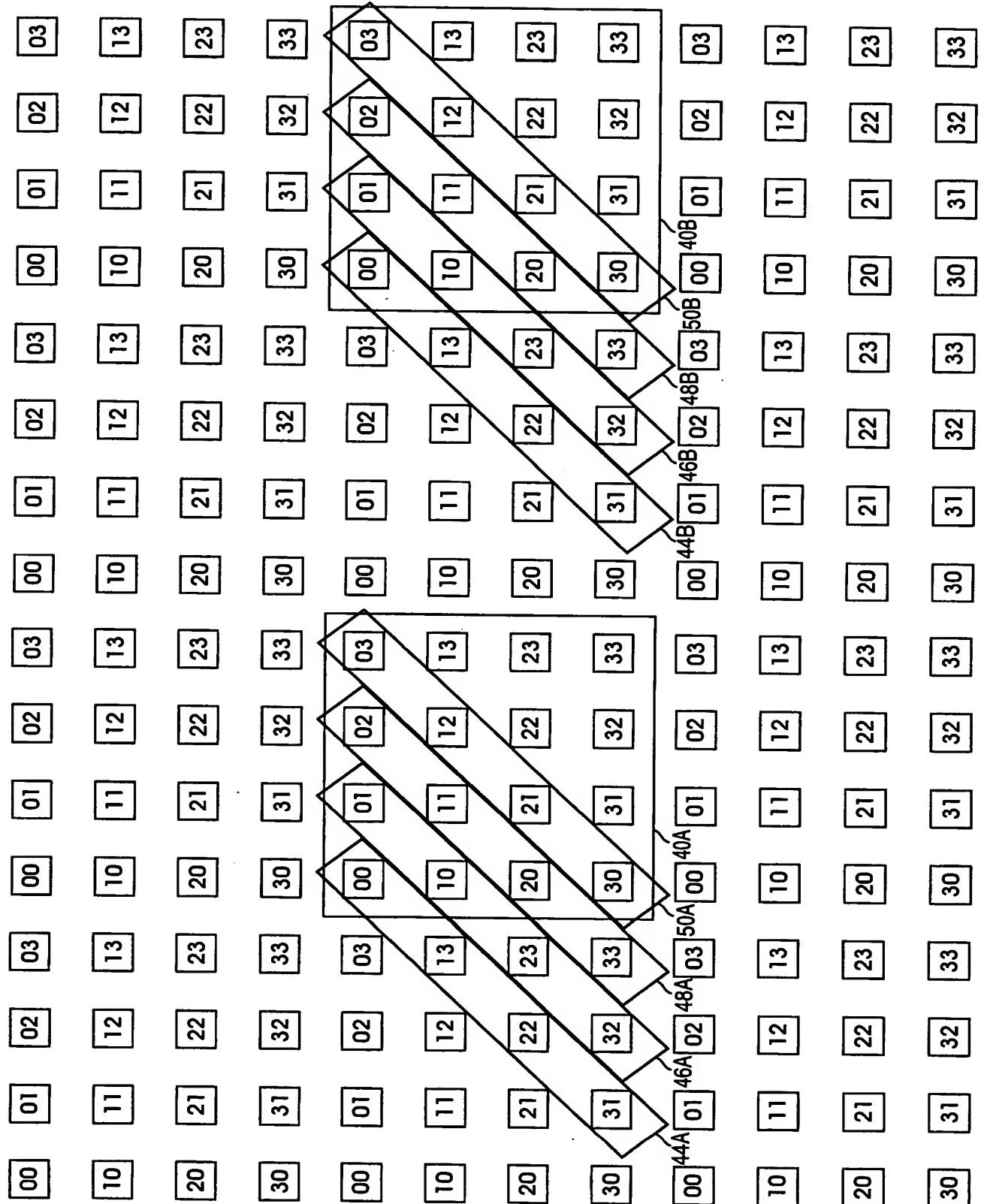
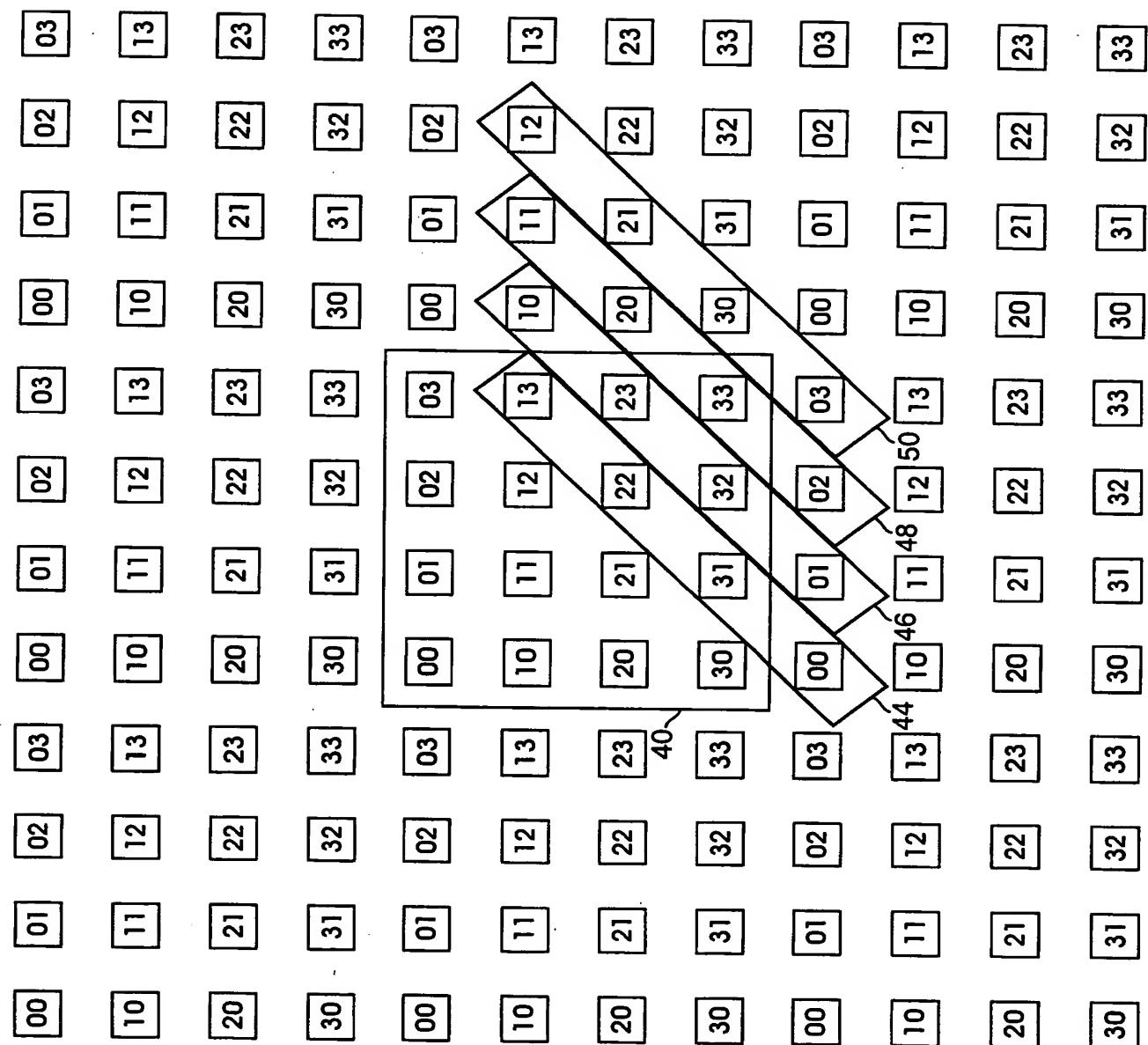


FIG. 6



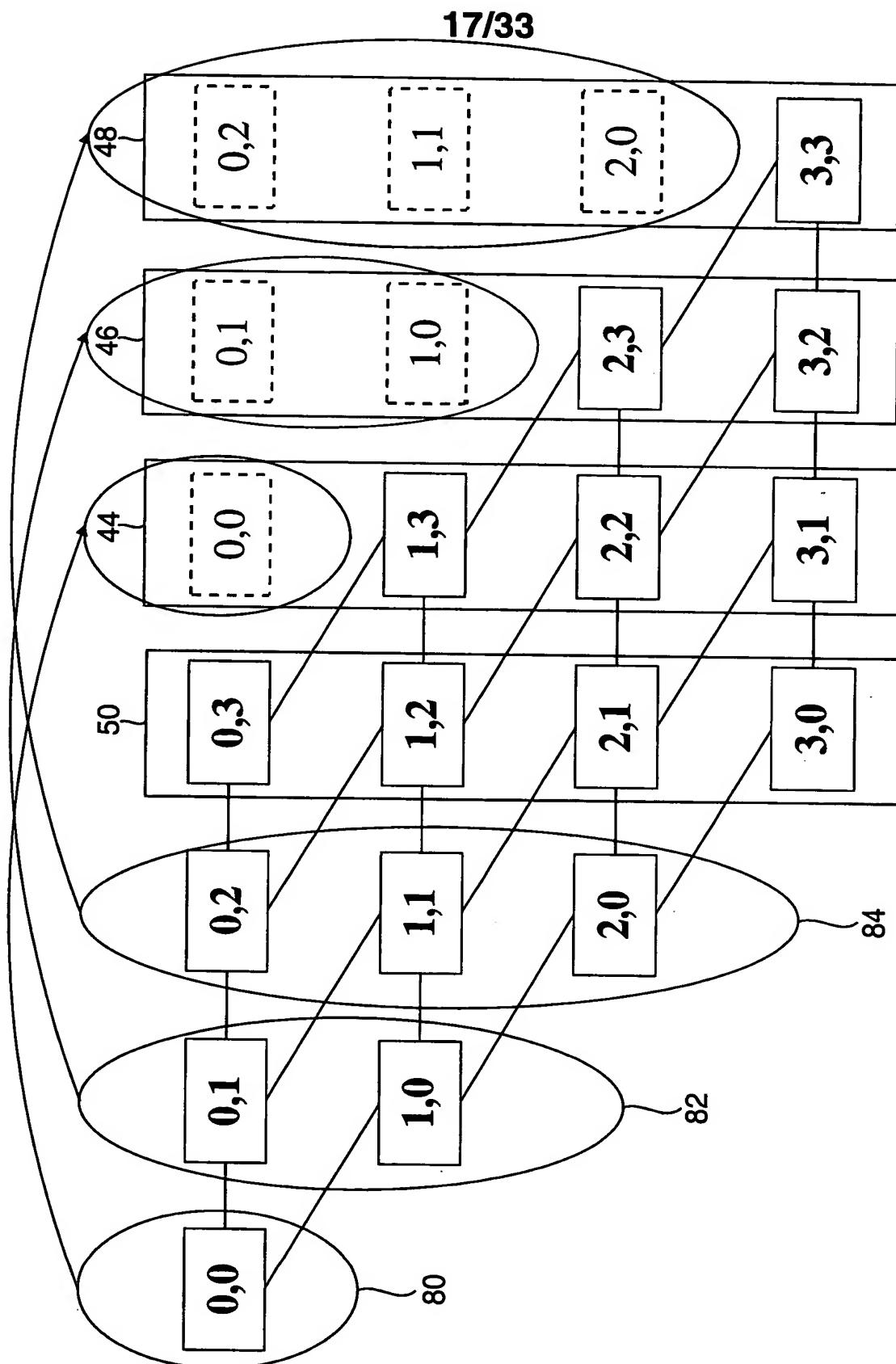
00	01	02	00	01	02	00	01	02
10	11	12	10	11	12	10	11	12
20	21	22	20	21	22	20	21	22
00	01	02	00	01	02	00	01	02
10	11	12	10	11	12	10	11	12
20	21	22	20	21	22	20	21	22
00	01	02	00	01	02	00	01	02
10	11	12	10	11	12	10	11	12
20	21	22	20	21	22	20	21	22

**FIG. 7**

00	01	02	03	04	00	01	02	03	04	00	01	02	03	04
10	11	12	13	14	10	11	12	13	14	10	11	12	13	14
20	21	22	23	24	20	21	22	23	24	20	21	22	23	24
00	01	02	03	04	00	01	02	03	04	00	01	02	03	04
10	11	12	13	14	10	11	12	13	14	10	11	12	13	14
20	21	22	23	24	20	21	22	23	24	20	21	22	23	24
00	01	02	03	04	00	01	02	03	04	00	01	02	03	04
10	11	12	13	14	10	11	12	13	14	10	11	12	13	14
20	21	22	23	24	20	21	22	23	24	20	21	22	23	24
00	01	02	03	04	00	01	02	03	04	00	01	02	03	04
10	11	12	13	14	10	11	12	13	14	10	11	12	13	14
20	21	22	23	24	20	21	22	23	24	20	21	22	23	24

**FIG. 8**

**FIG. 9**



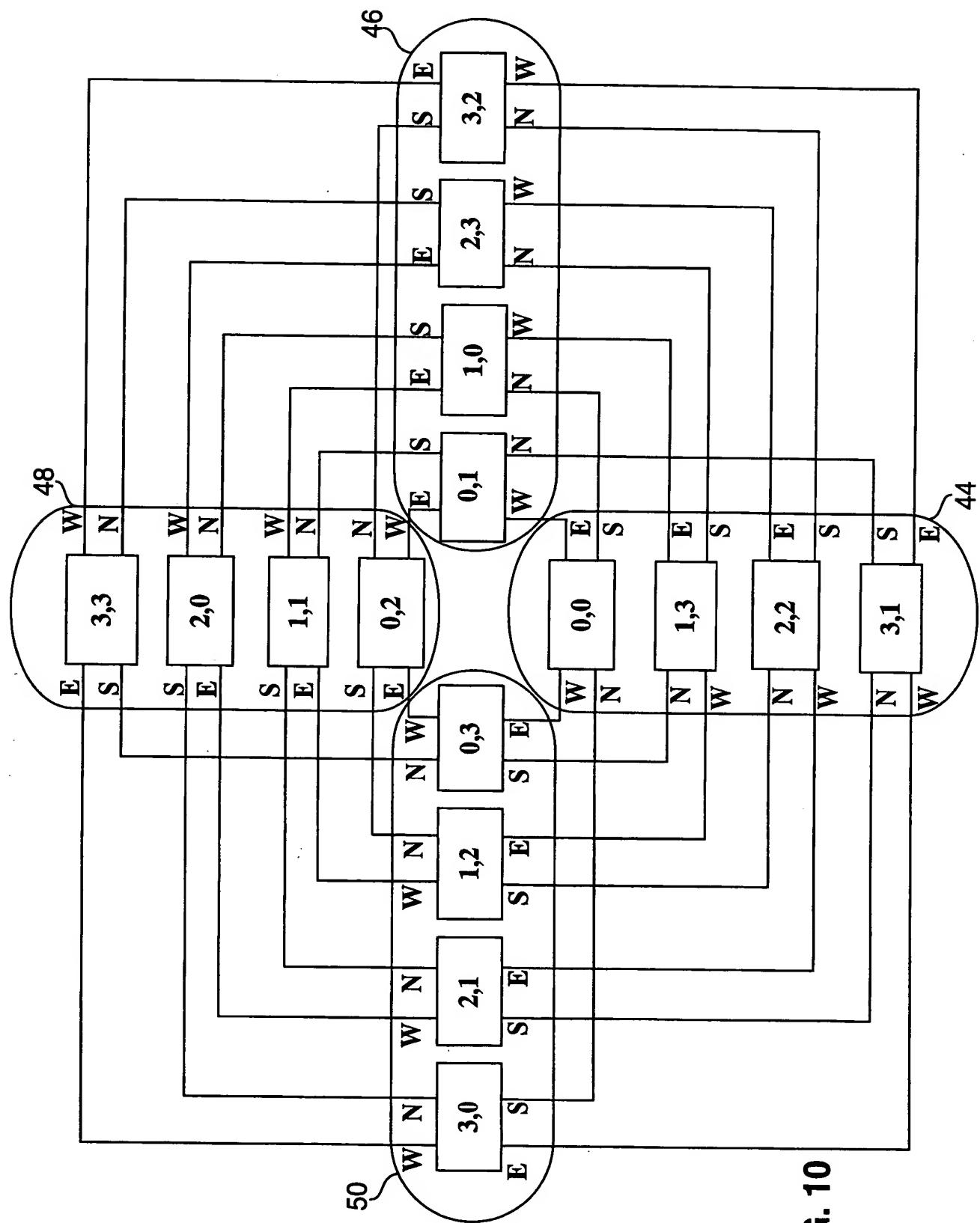
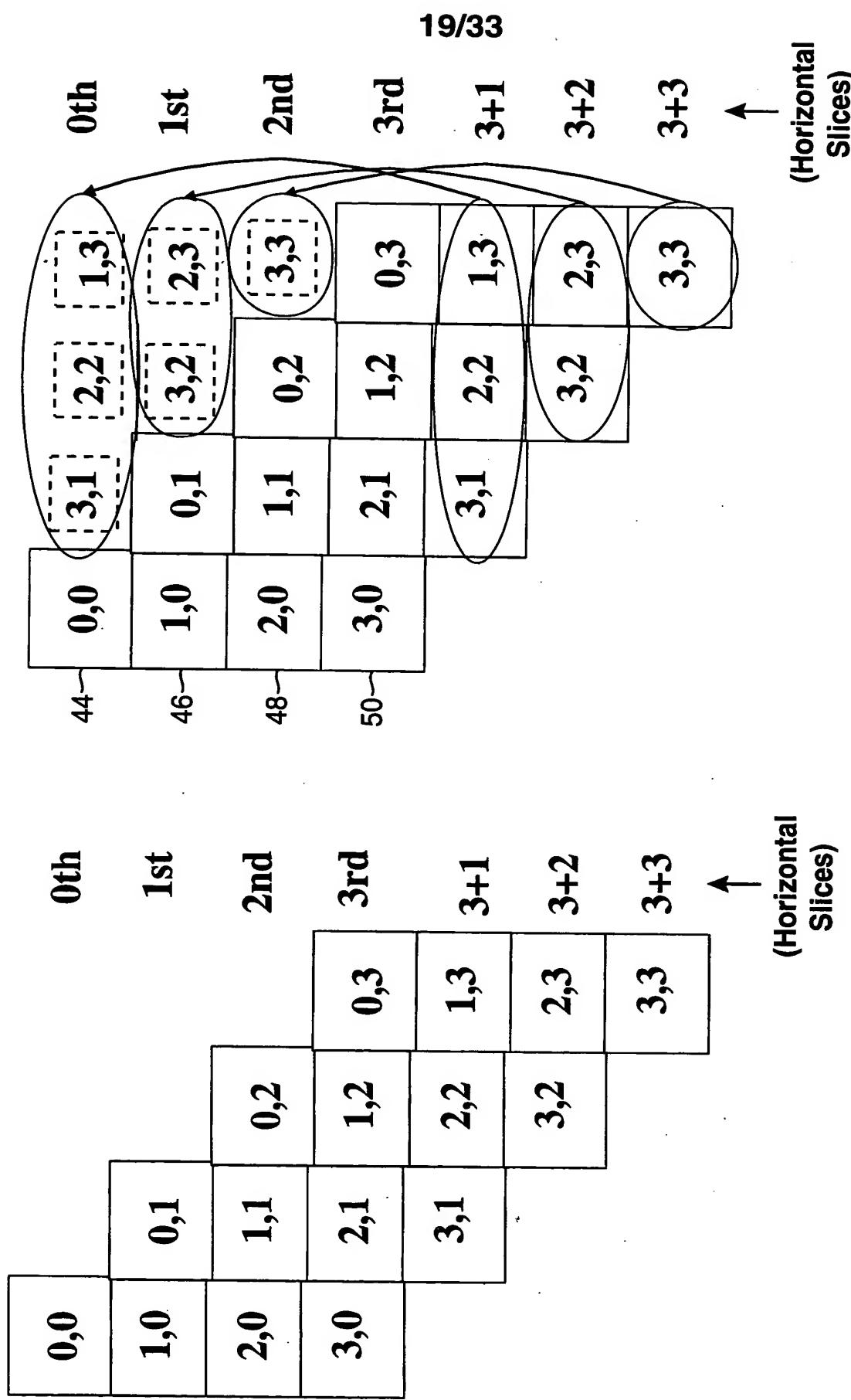


FIG. 10



**FIG.11A**

4x4 Rhombus

**FIG.11B**

4x4 Rhombus

(Horizontal Slices)

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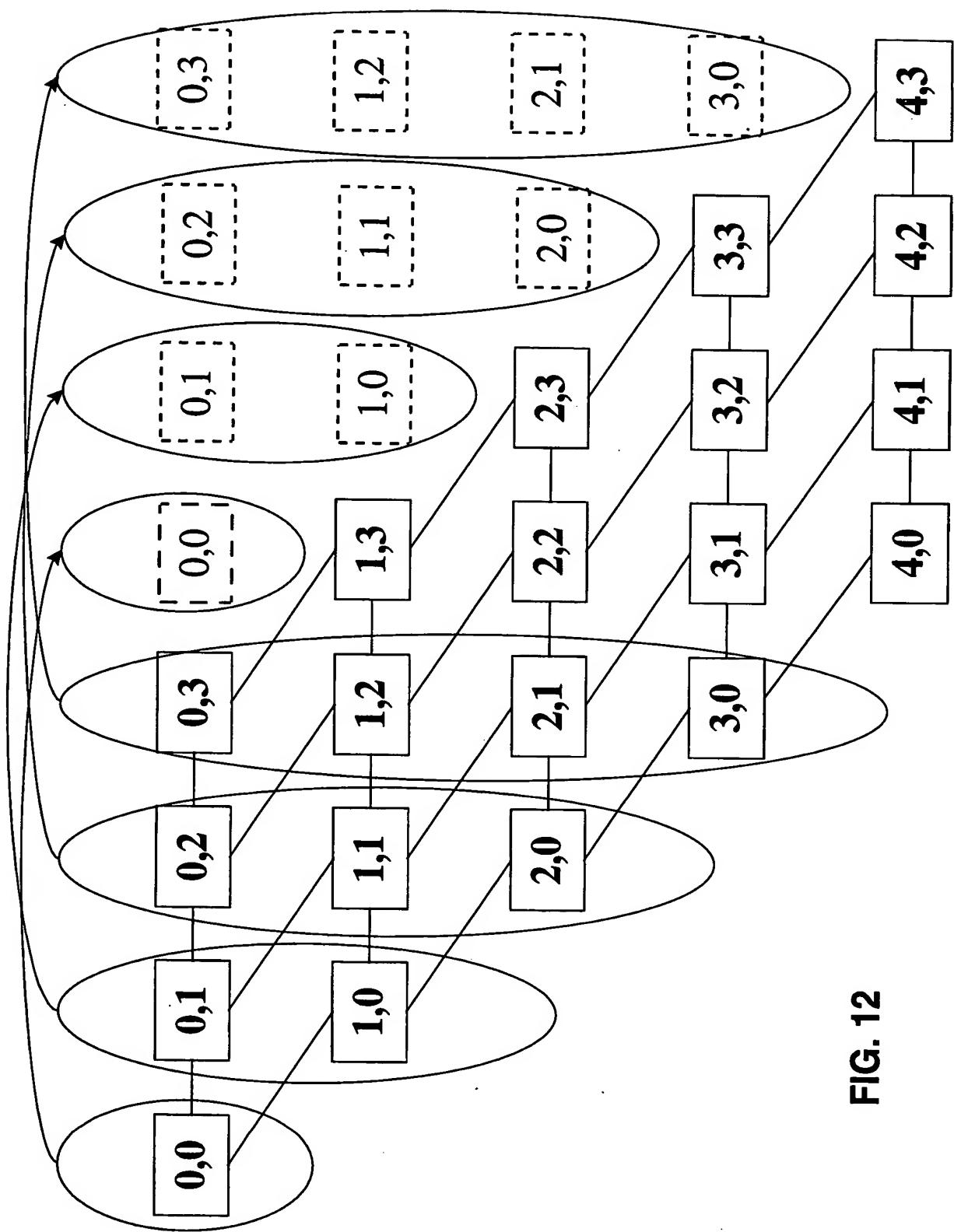


FIG. 12

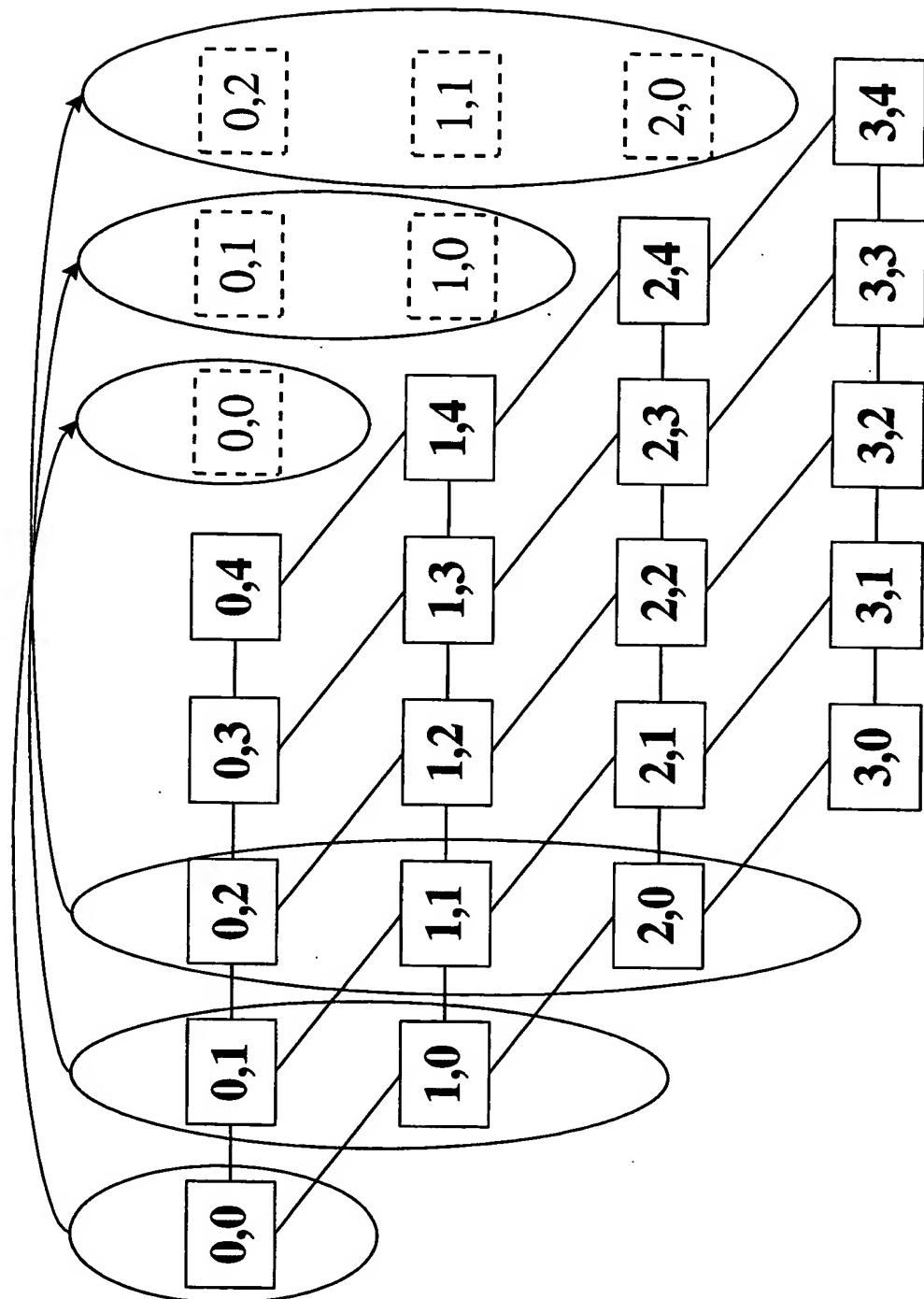


FIG. 13

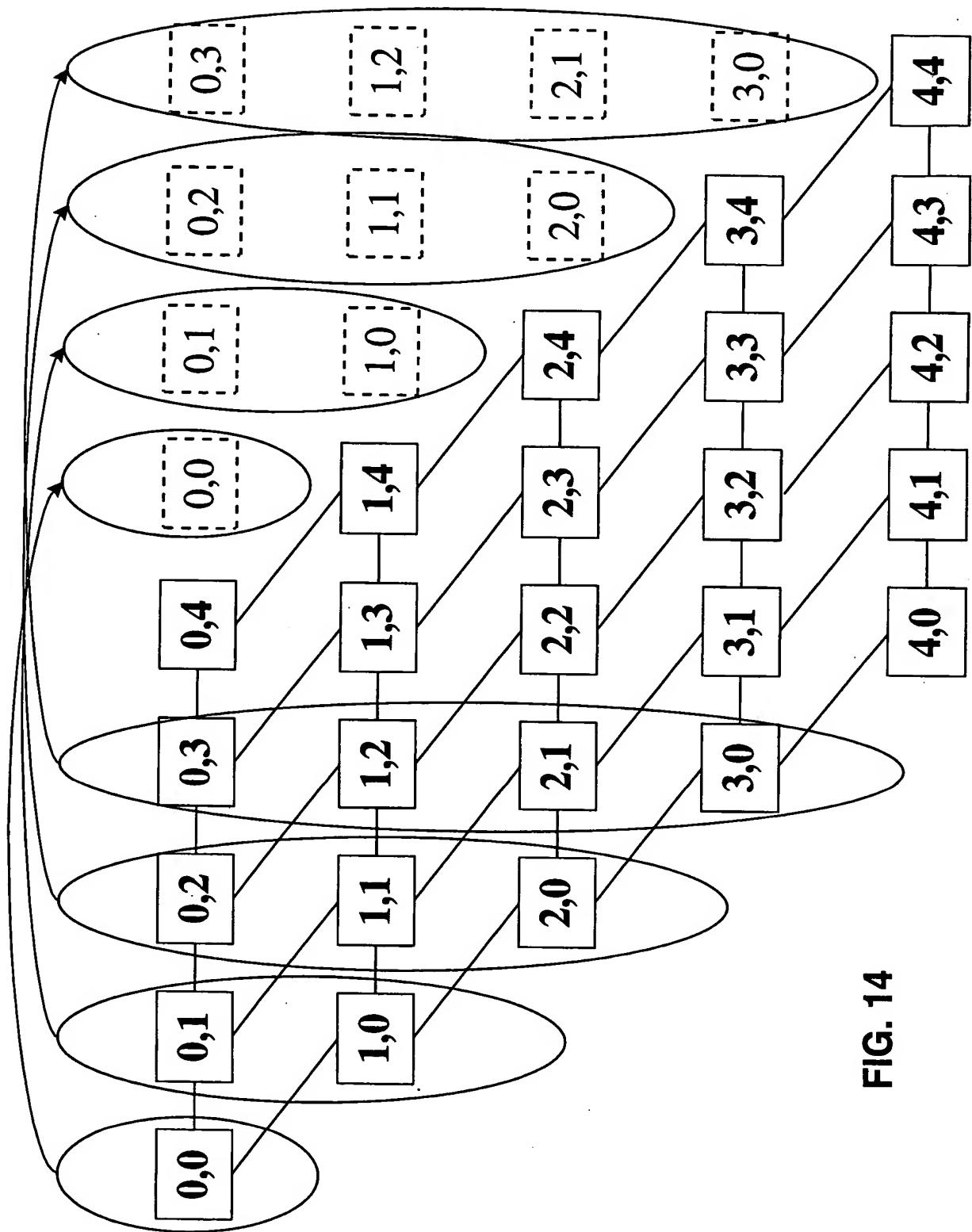
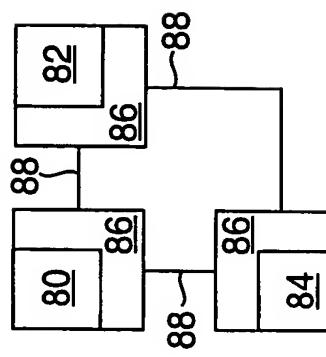
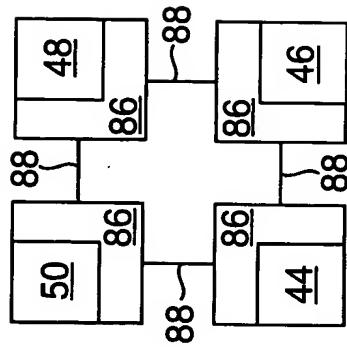


FIG. 14

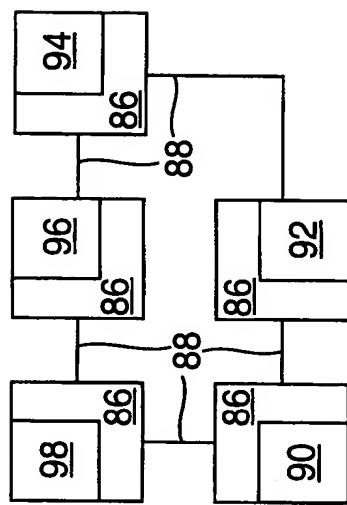
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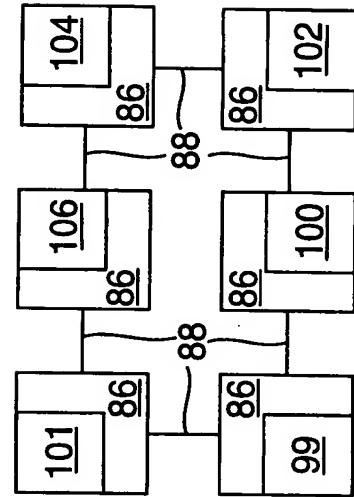
**FIG. 15A**



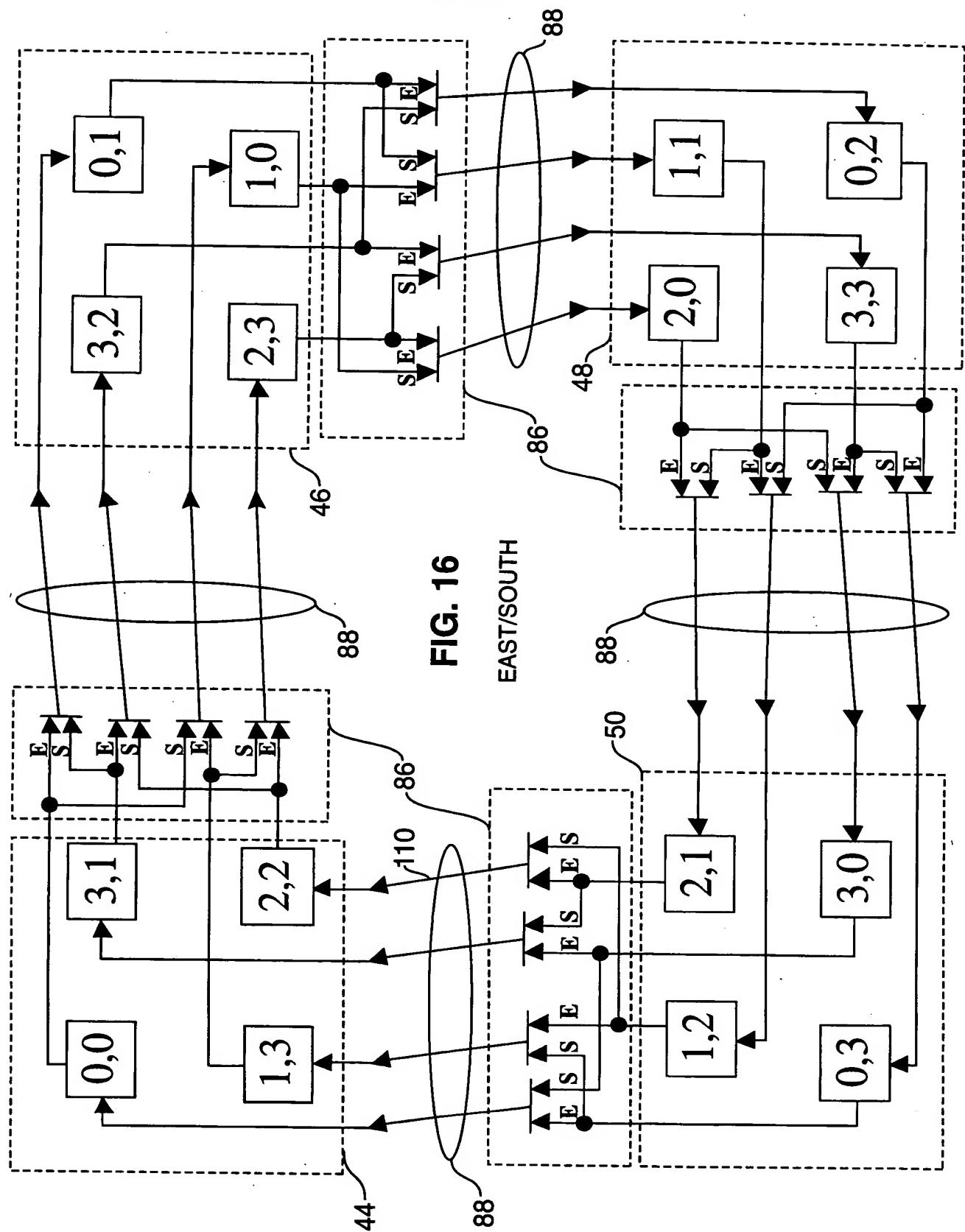
**FIG. 15B**

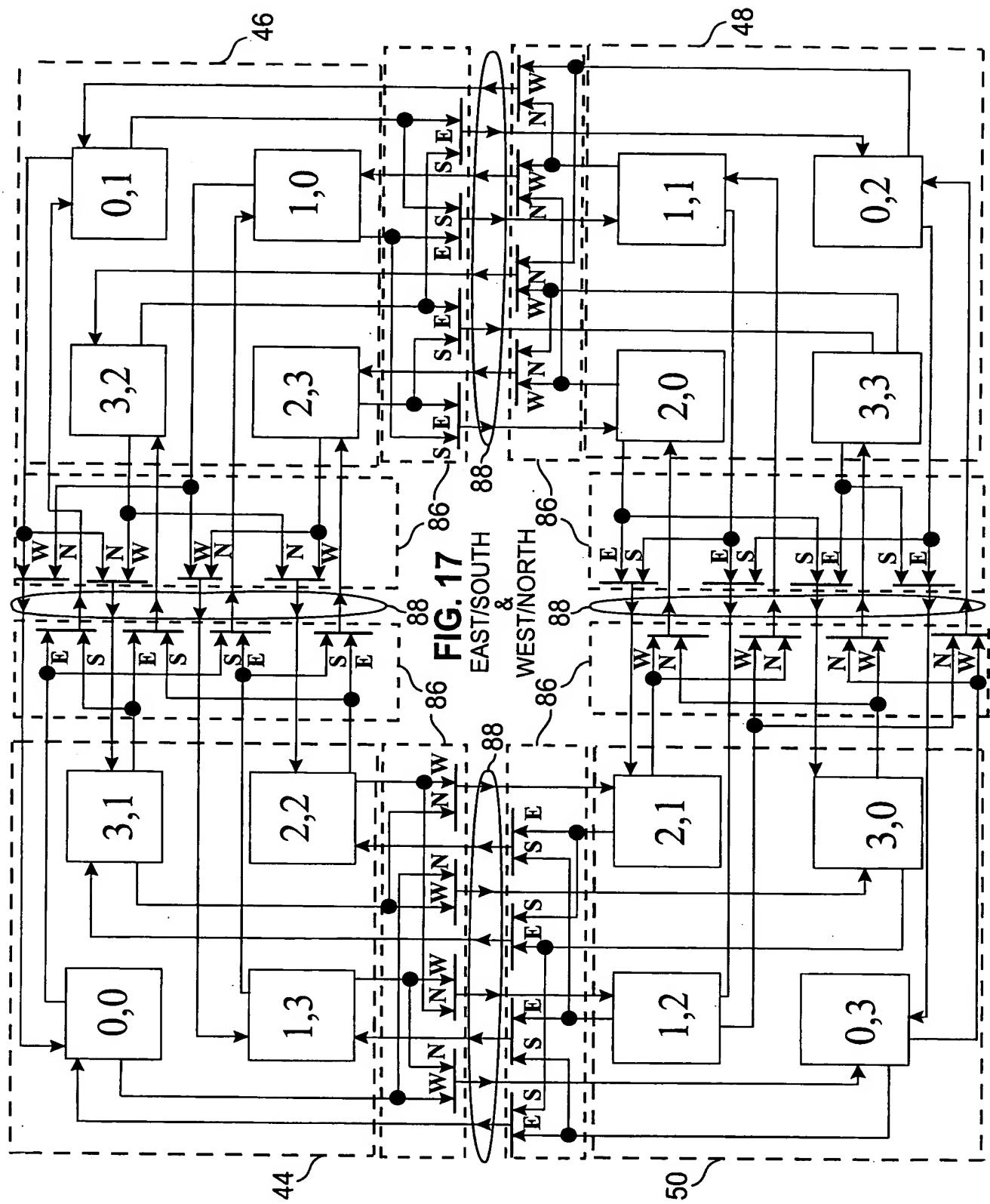


**FIG. 15C**



**FIG. 15D**





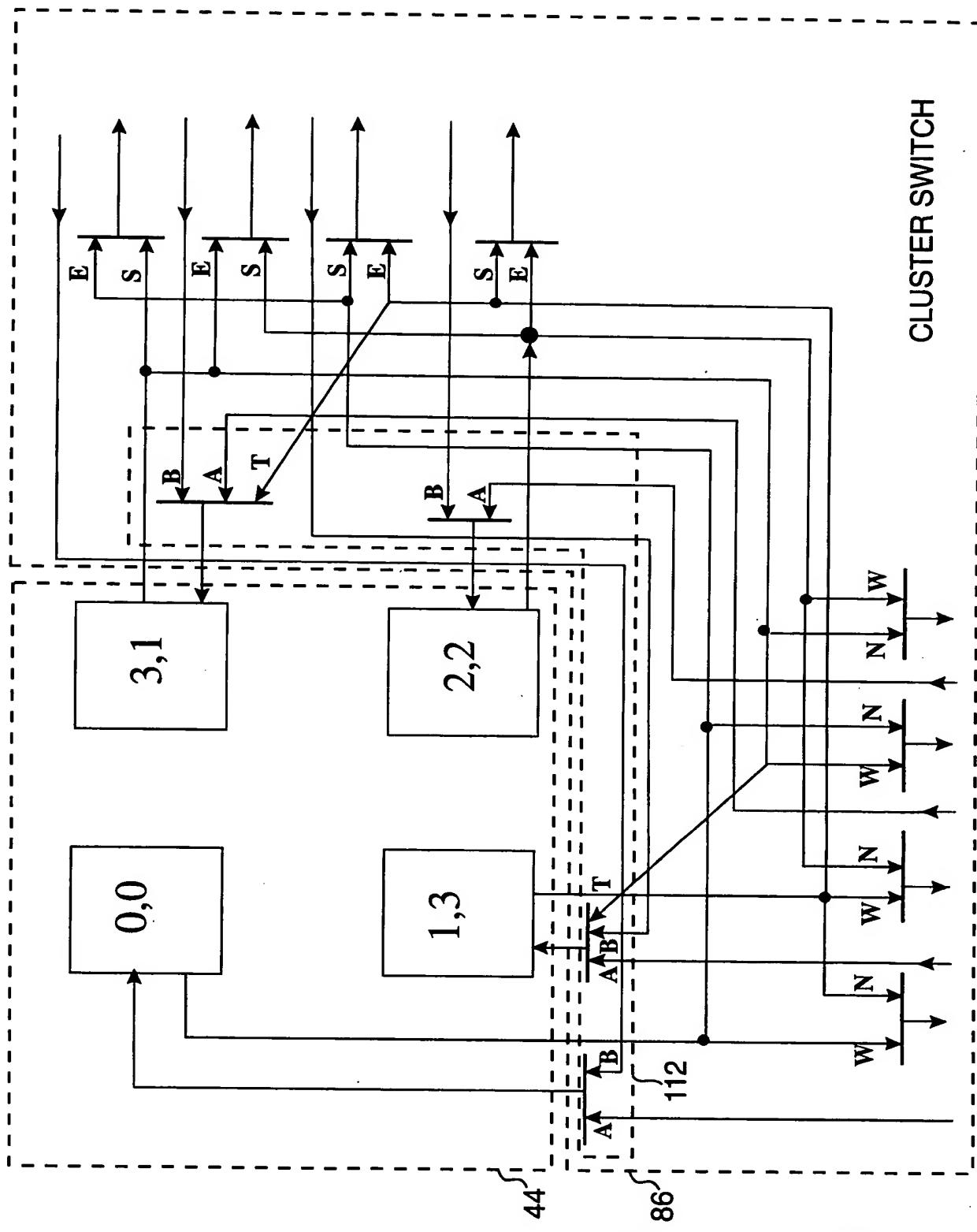


FIG. 18

$w_{0,0}$     $w_{0,1}$     $w_{0,2}$   
 $w_{1,0}$     $w_{1,1}$     $w_{1,2}$   
 $w_{2,0}$     $w_{2,1}$     $w_{2,2}$

CONVOLUTION WINDOW

FIG. 19A

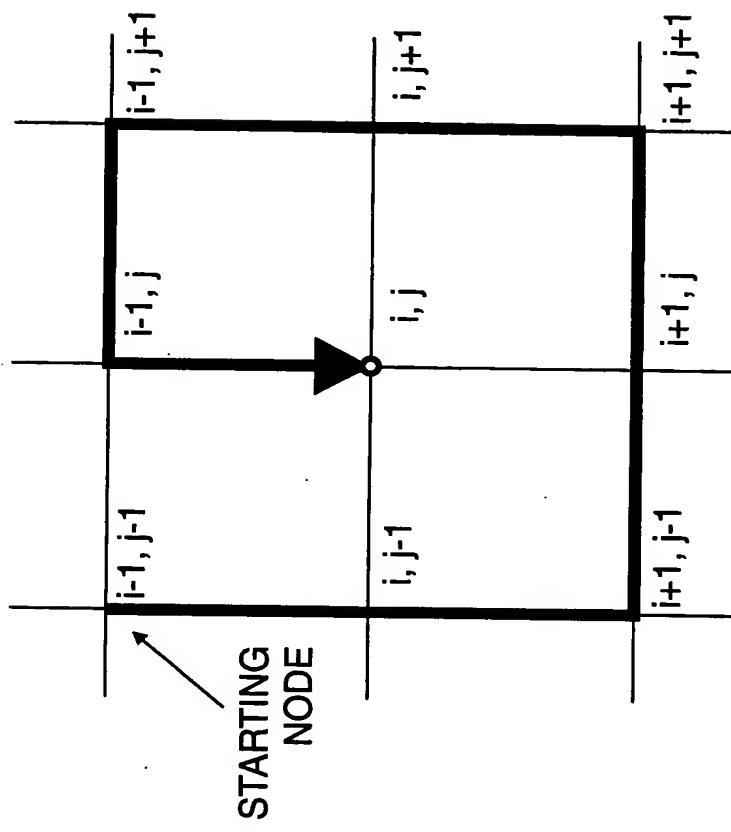
CONVOLUTION PATH FOR NODE  $i,j$ 

FIG. 19B

P0,0	P0,1	P0,2	P0,3	P0,4	P0,5	P0,6	P0,7
P1,0							
P2,0							
P3,0							
P4,0				P4,4 P4,5 P4,6 P4,7			
P5,0				P5,4 P5,5 P5,6 P5,7			
P6,0				P6,4 P6,5 P6,6 P6,7			
P7,0				P7,4 P7,5 P7,6 P7,7			

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0,0 P4,4	0,1 P4,5	0,2 P4,6	0,3 P4,7
1,0 P5,4	1,1 P5,5	1,2 P5,6	1,3 P5,7
2,0 P6,4	2,1 P6,5	2,2 P6,6	2,3 P6,7
3,0 P7,4	3,1 P7,5	3,2 P7,6	3,3 P7,7

FIG. 19D

FIG. 19C

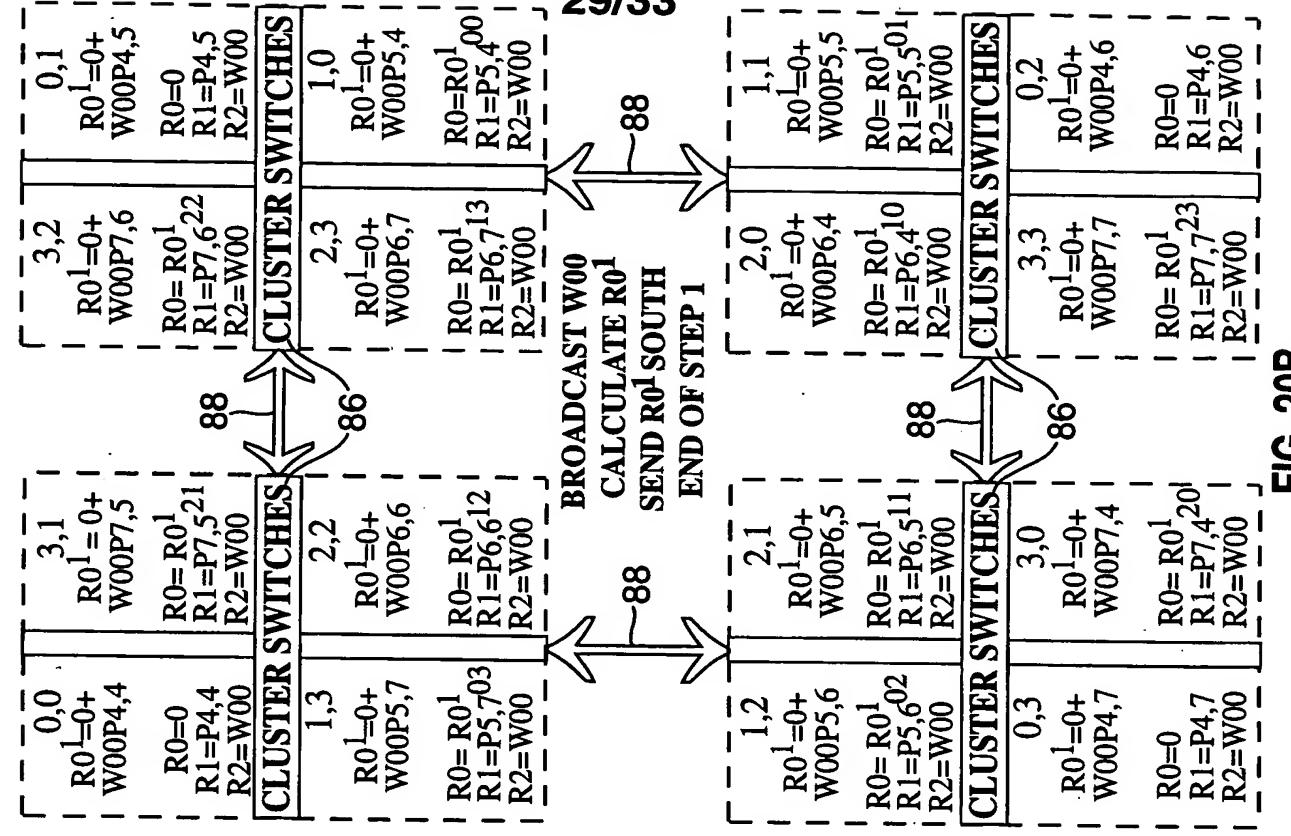
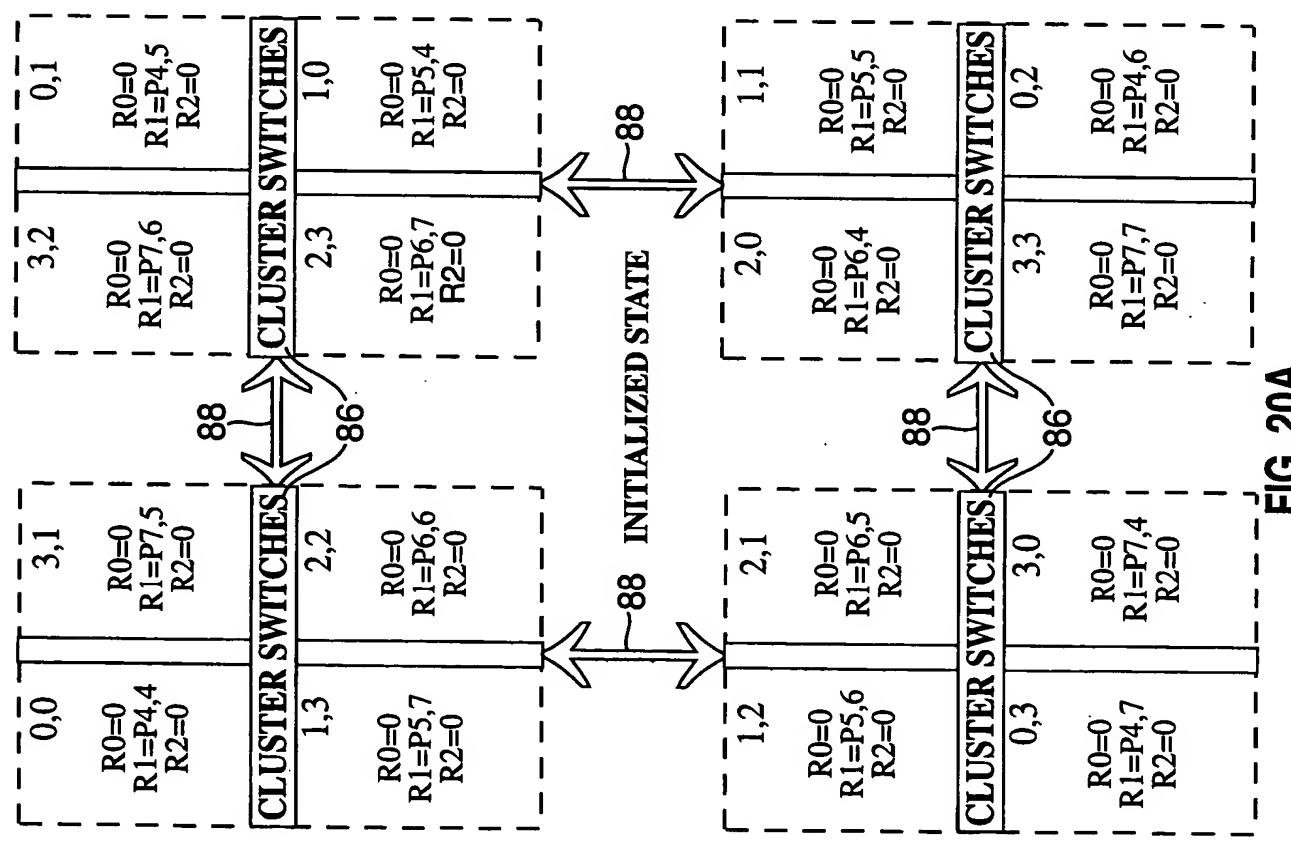


FIG. 20B

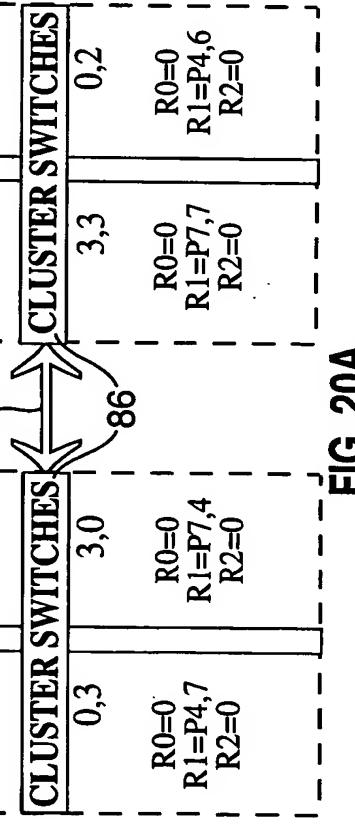
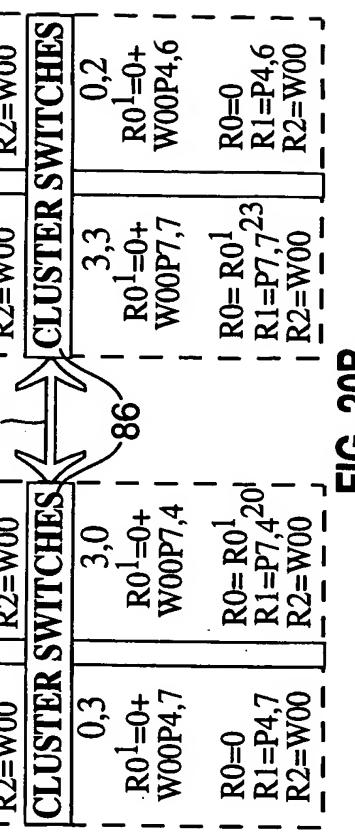
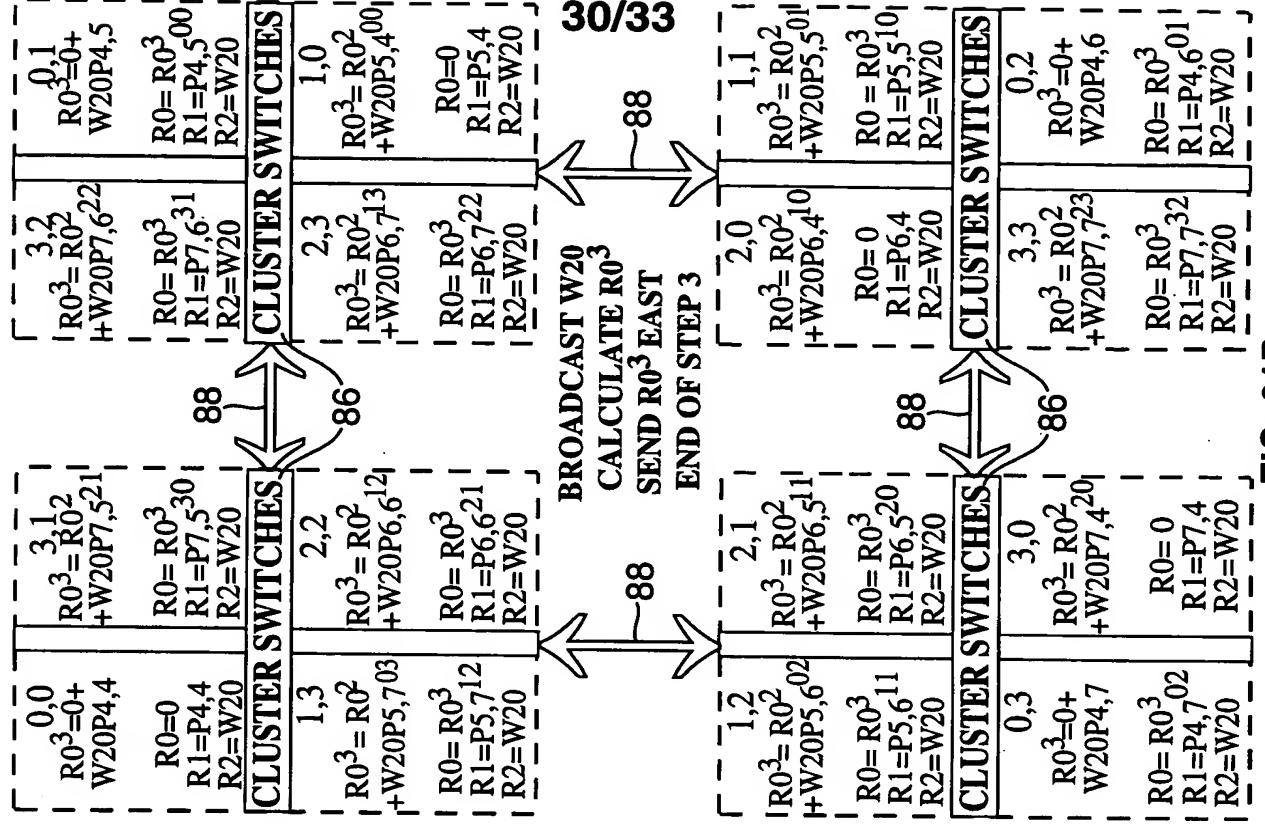
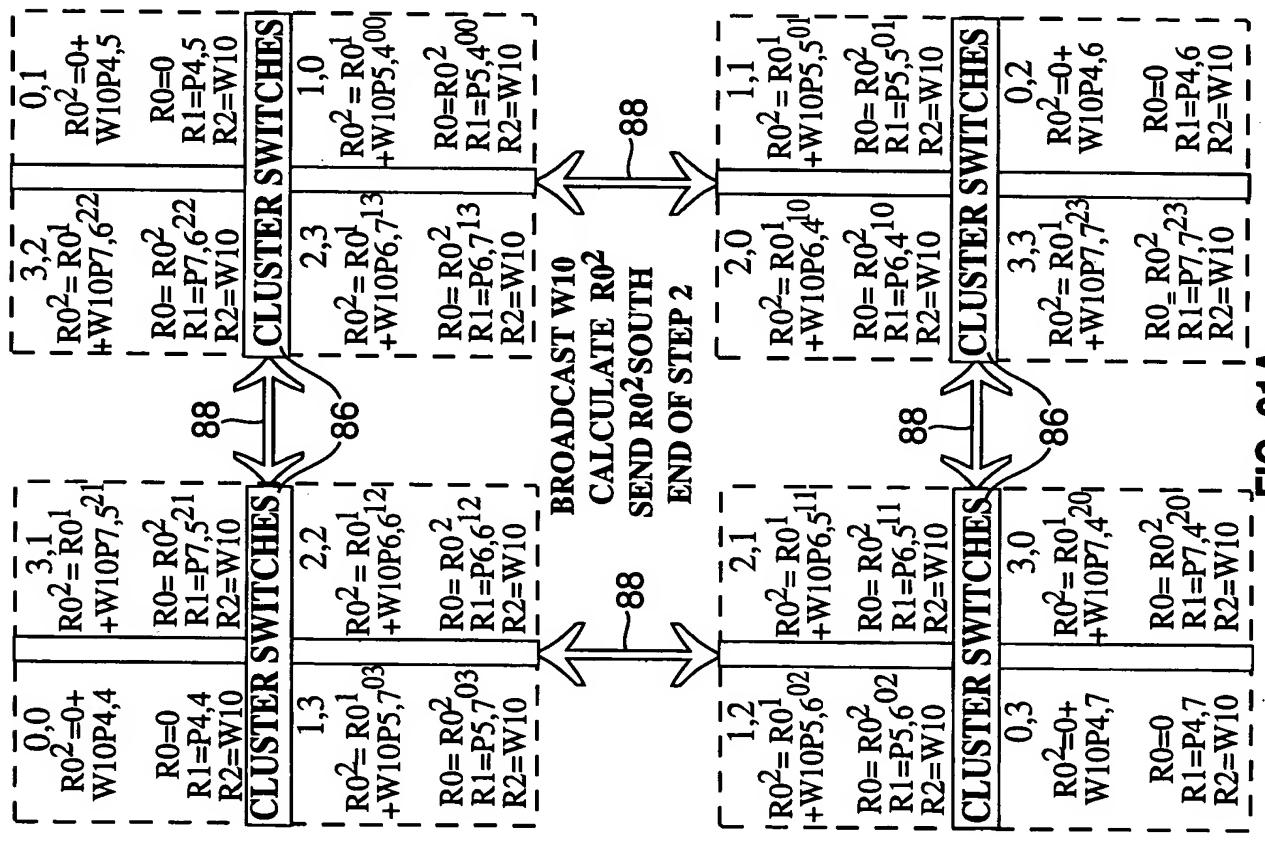
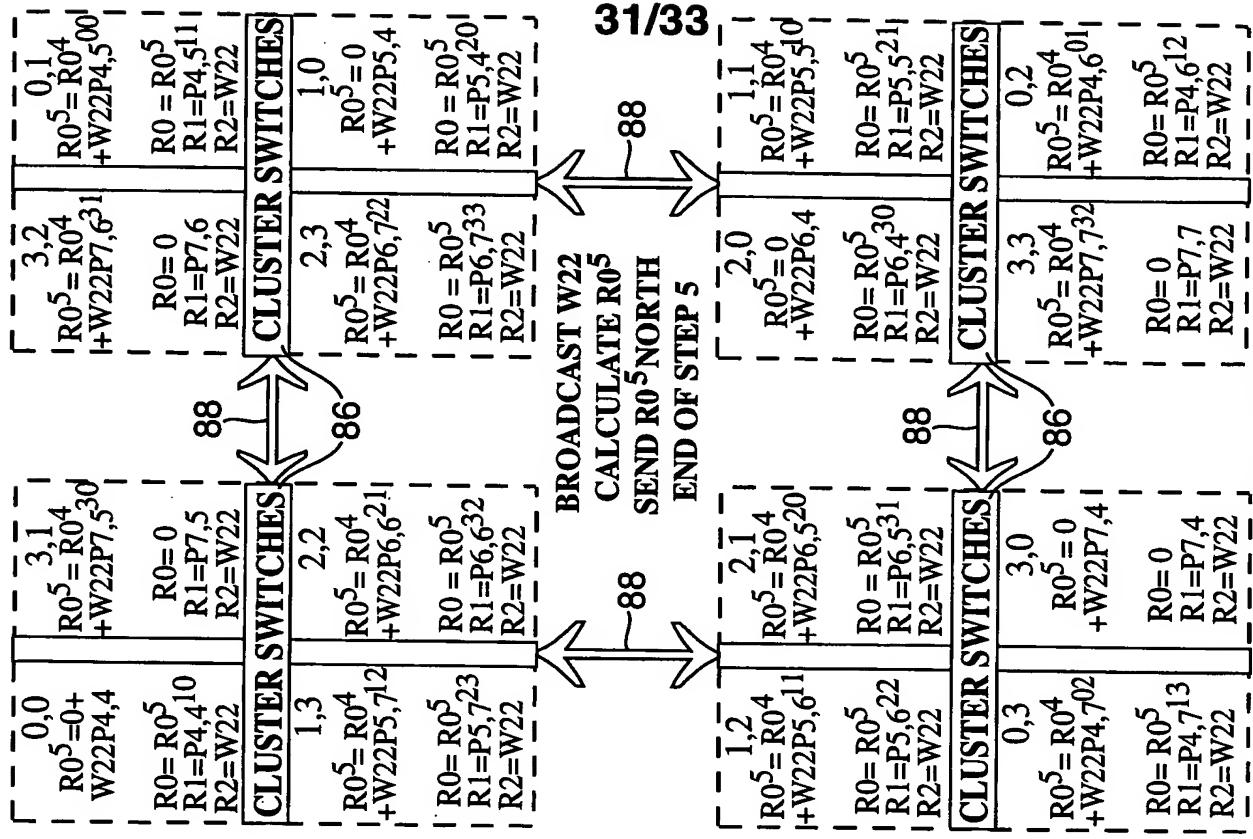
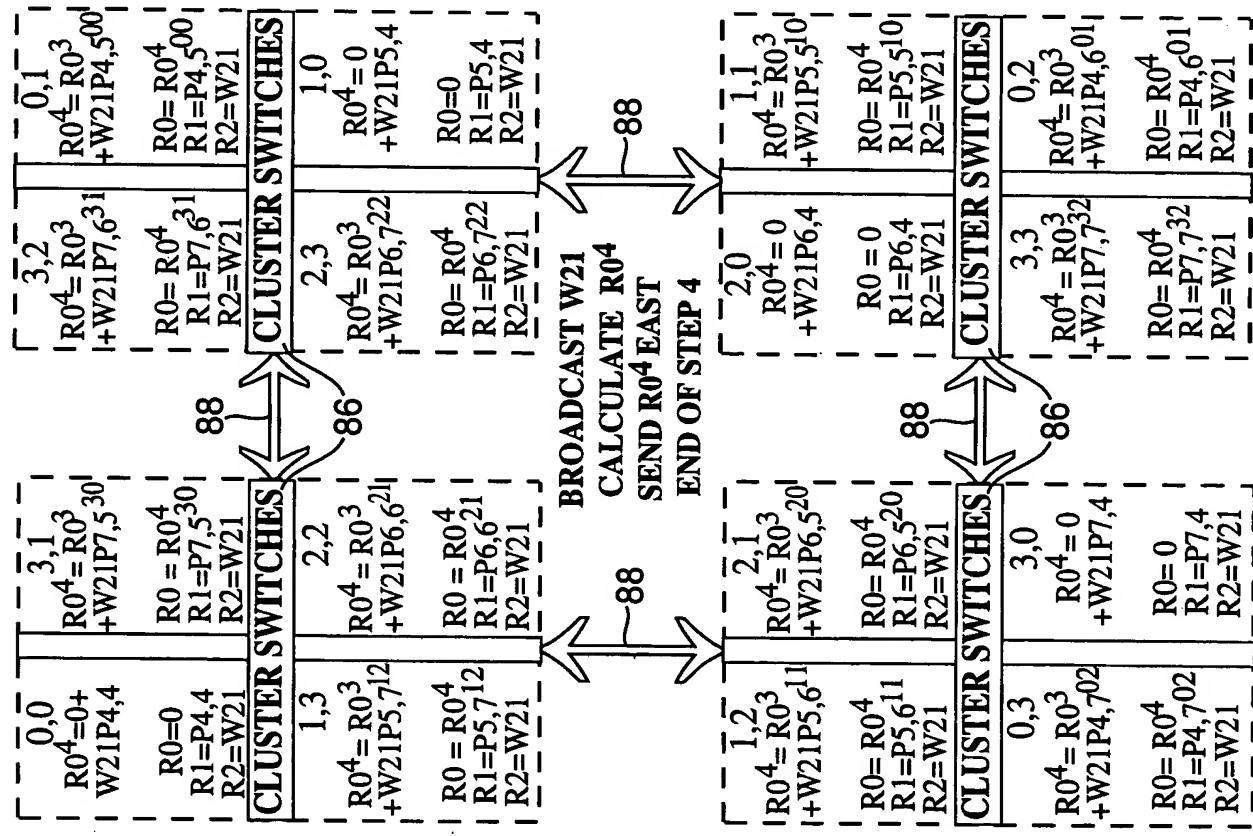


FIG. 20A



**FIG. 21B**

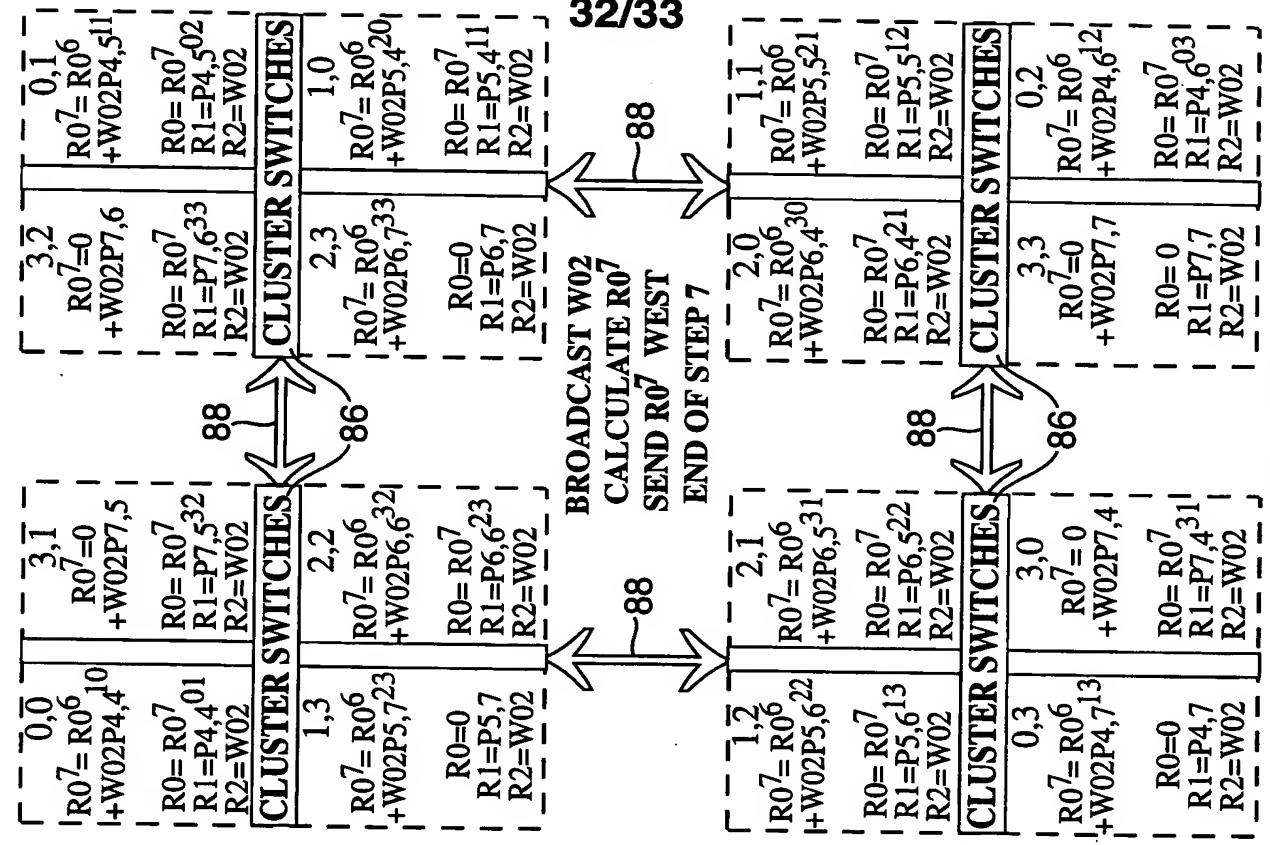
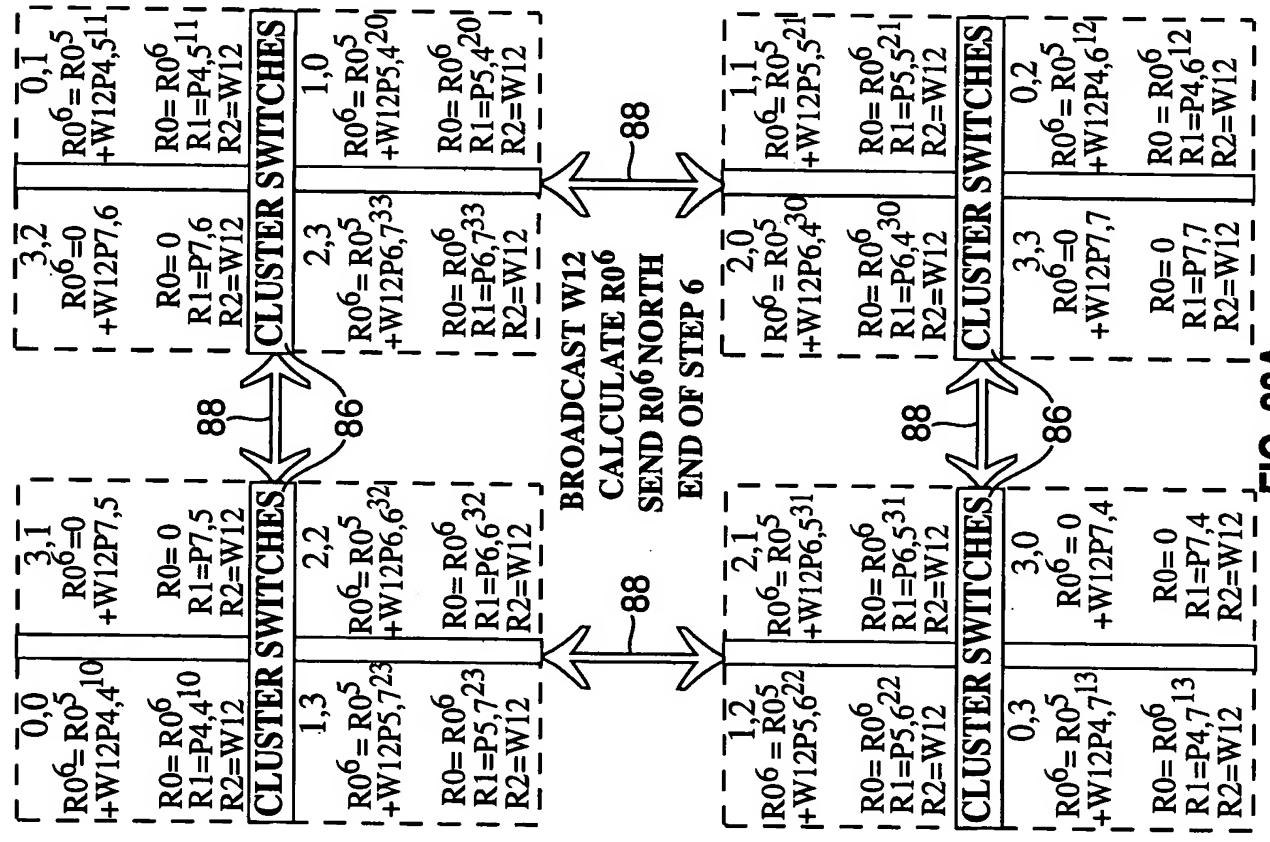
**FIG. 21A**



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**FIG. 22A**

**FIG. 22B**



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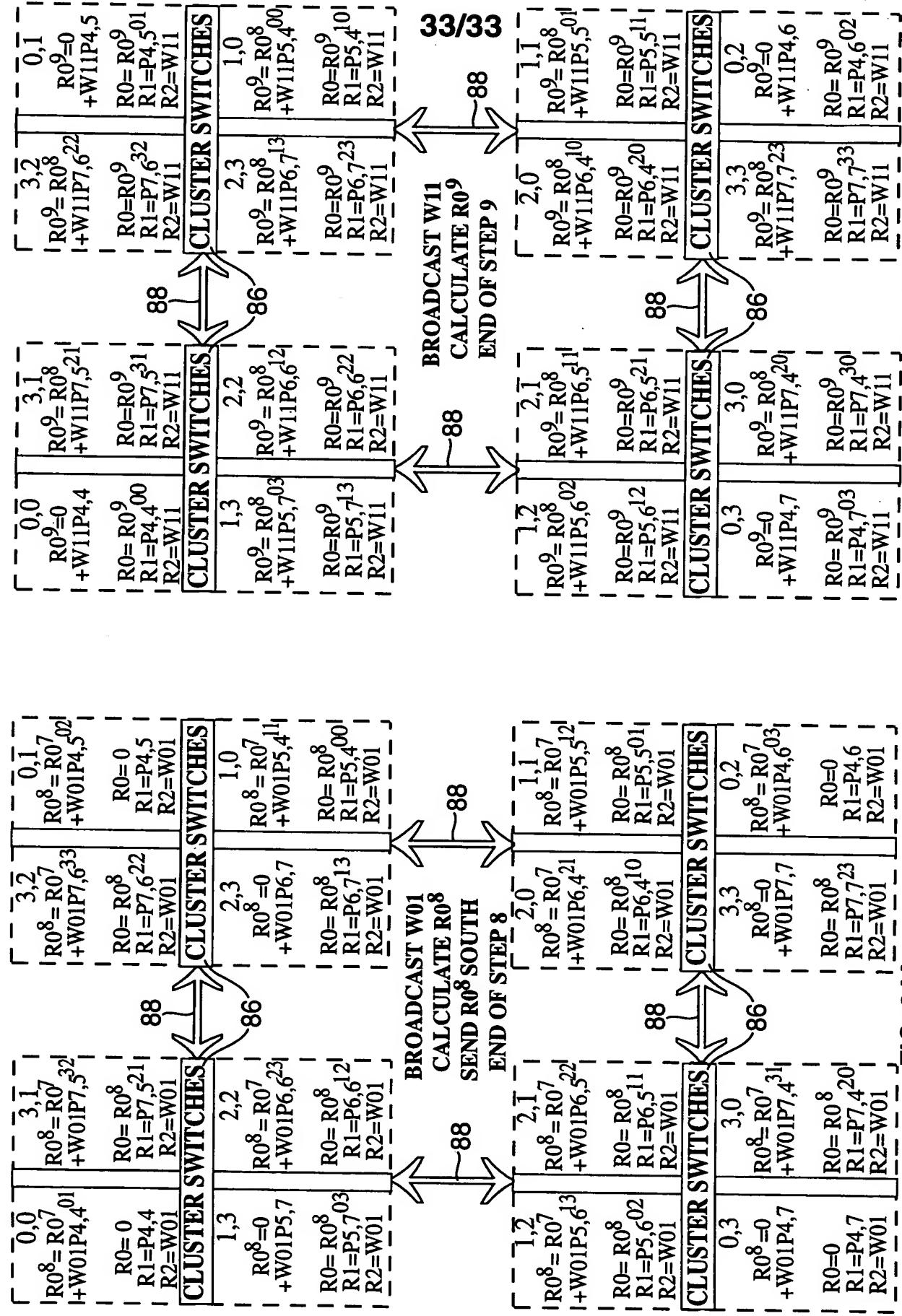


FIG. 24B

FIG. 24A